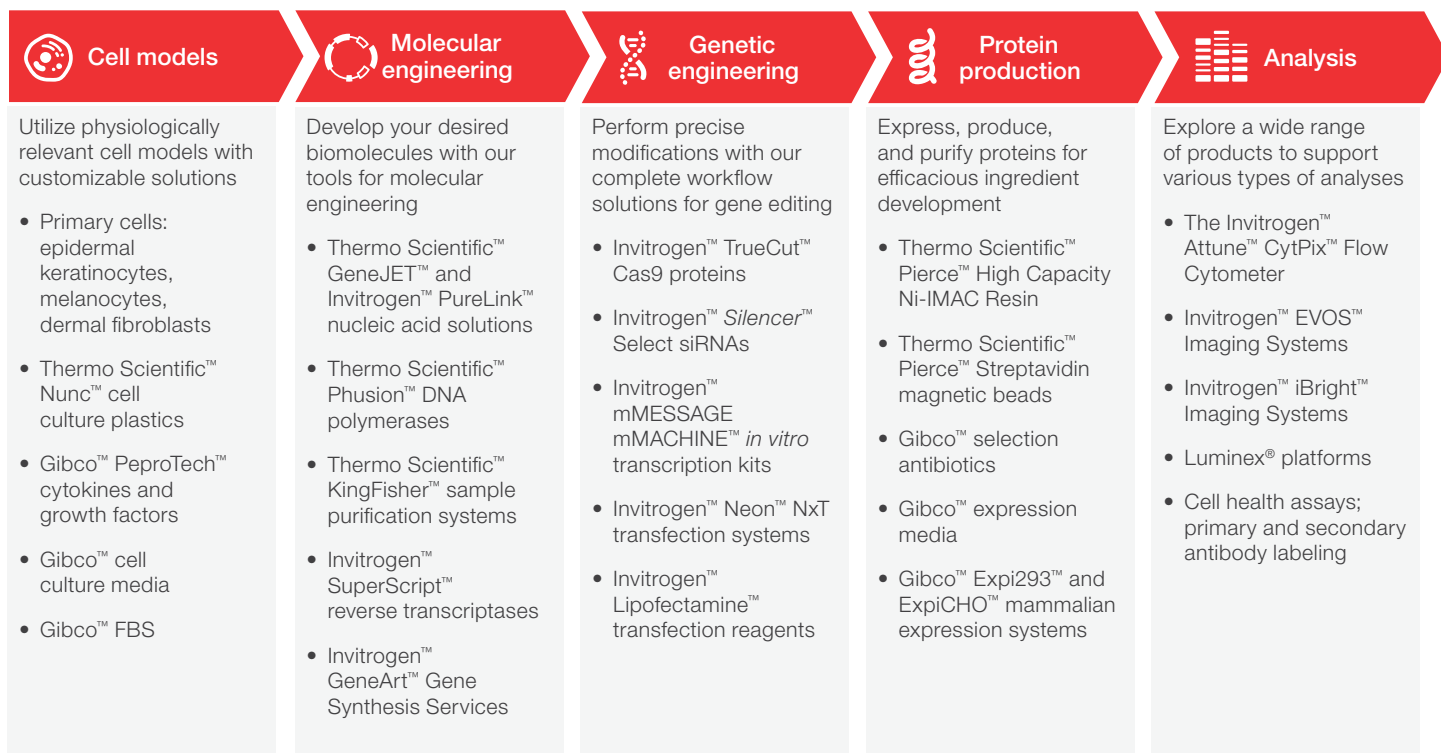


# Cosmetic and cosmeceutical research solutions

## Advancing cosmetic research with physiologically relevant cell-based models

In recent years, regulatory changes, including the EU ban on animal testing for cosmetics, have accelerated the shift toward cell-based models in cosmetic research. *In vitro* models now offer faster, more reliable, and cost-effective alternatives for cosmetic and cosmeceutical research, allowing scientists to assess safety, efficacy, and ingredient performance without animal models. Thermo Fisher Scientific can help support development of these testing models and cosmetic ingredients through:

- **A comprehensive portfolio**—reagents and instrumentation, as well as analytical tools and services, for end-to-end workflow enablement
- **Reliable scalability**—solutions offering consistent performance from early research and development efforts to large-scale manufacturing
- **Expertise in regulatory-driven research**—documentation, compliance-ready protocols, and technical support in regulated testing
- **Custom solutions**—customizable products to support your regulatory and/or scientific needs



## Ordering information

| Description   | Cat. No.  |
|---|---|
| <b>Primary cell culture products</b>  |   |
| Nunc Cell Culture Inserts in Carrier Plate Systems                          | <a href="#">141002</a>  |
| Human Epidermal Keratinocytes, adult (HEKa) and neonatal (HEKn)             | <a href="#">C0055C</a> , <a href="#">C0015C</a>   |
| Human Melanocytes, adult (HEMa-LP) and neonatal (HEMn-LP, HEMn-MP, HEMn-DP) | <a href="#">C0245C</a> , <a href="#">C0025C</a> , <a href="#">C1025C</a> , <a href="#">C2025C</a> |
| Human Dermal Fibroblasts, adult (HDFa) and neonatal (HDFn)                  | <a href="#">C0135C</a> , <a href="#">C0045C</a>   |
| EpiLife Medium, with 60 µM calcium  | <a href="#">MEPI500CA</a>   |
| Human Keratinocyte Serum-Free Medium  | <a href="#">17005042</a>  |
| Human Melanocyte Growth Medium, Medium 254                                  | <a href="#">M254500</a>   |
| RPMI 1640 Medium, GlutaMAX Supplement, HEPES                                | <a href="#">72400047</a>  |
| DMEM, high glucose, GlutaMAX Supplement                                     | <a href="#">10566016</a>  |
| Fetal Bovine Serum, Premium, heat inactivated                               | <a href="#">A5679801</a>  |
| PeproTech cytokines and growth factors                                      | <a href="#">thermofisher.com/recombinantproteins</a>  |
| <b>Molecular engineering</b>  |   |
| Phusion Flash High-Fidelity PCR Master Mix                                  | <a href="#">F548L</a>   |
| KingFisher PlasmidPro Maxi Processor  | <a href="#">PPMX1000</a>  |
| Plasmid DNA isolation systems   | <a href="#">thermofisher.com/plasmid</a>  |
| High-Capacity cDNA Reverse Transcriptase Kit                                | <a href="#">4368813</a>   |
| GeneArt Gene Synthesis  | <a href="#">thermofisher.com/genesynthesis</a>  |
| SuperScript III Reverse Transcriptase                                       | <a href="#">18080085</a>  |
| SuperScript IV VILO Master Mix  | <a href="#">11756050</a>  |
| Cells-to-C <sub>T</sub> 1-Step TaqMan Kit                                   | <a href="#">A25602</a>  |
| UltraPure DNase/RNase-Free Distilled Water                                  | <a href="#">10977015</a>  |
| <b>Genetic engineering</b>  |   |
| TrueCut Cas9 Protein v2   | <a href="#">A36499</a>  |
| <i>Silencer</i> Select Predesigned siRNA                                    | <a href="#">4392420</a>   |
| mMESSAGE mMACHINE T7 mRNA Kit with CleanCap Reagent AG                      | <a href="#">A57620</a>  |
| Lipofectamine CRISPRMAX Cas9 Transfection Reagent                           | <a href="#">CMAX00008</a>   |
| Lipofectamine RNAiMAX Transfection Reagent                                  | <a href="#">13778150</a>  |
| Lipofectamine MessengerMAX Transfection Reagent                             | <a href="#">LMRNA015</a>  |
| Lipofectamine 3000 Transfection Reagent                                     | <a href="#">L30000015</a>   |
| Neon NxT Electroporation System   | <a href="#">NEON18SK</a>  |
| <b>Protein production</b>   |   |
| Pierce High Capacity Ni-IMAC Resin, EDTA Compatible                         | <a href="#">A50584</a>  |
| Pierce Streptavidin Magnetic Beads  | <a href="#">88817</a>   |
| Expi293F Cells  | <a href="#">A14527</a>  |
| Expi293 Expression Medium   | <a href="#">A1435101</a>  |
| Expi293 Expression Kit  | <a href="#">A14635</a>  |
| ExpiFectamine 293 Transfection Kit  | <a href="#">A14525</a>  |
| ExpiFectamine CHO Transfection Kit  | <a href="#">A29129</a>  |
| ExpiCHO-S Cells   | <a href="#">A29127</a>  |
| ExpiCHO Expression System   | <a href="#">A29133</a>  |
| ExpiCHO Expression Medium   | <a href="#">A2910001</a>  |
| Geneticin Selective Antibiotic (G418 Sulfate)                               | <a href="#">10131035</a>  |
| <b>Analysis</b>   |   |
| Pierce Dilution-Free Rapid Gold BCA Protein Assay                           | <a href="#">A55861</a>  |
| Countess automated cell counters  | <a href="#">thermofisher.com/countess</a>   |
| EVOS imaging systems  | <a href="#">thermofisher.com/evos</a>   |
| Luminex xMAP IntelliFlex System   | <a href="#">APX2020</a>   |
| Flow cytometry instruments and reagents                                     | <a href="#">thermofisher.com/flow</a>   |
| iBright Imaging Systems   | <a href="#">thermofisher.com/ibright</a>  |
| Qubit fluorometric quantification systems                                   | <a href="#">thermofisher.com/qubit</a>  |
| alamarBlue Cell Viability Reagent   | <a href="#">DAL1100</a>   |
| LIVE/DEAD Viability/Cytotoxicity Kit  | <a href="#">L3224</a>   |
| Alexa Fluor antibody labeling kits  | <a href="#">thermofisher.com/alexafuor</a>  |
| Primary, secondary, and recombinant antibodies                              | <a href="#">thermofisher.com/antibodies</a>   |

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