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Product Datasheet

Recombinant Human EGF, Unconjugated

EMB-Y00801-50UG

Artikelname	Recombinant Human EGF, Unconjugated
Artikelnummer	EMB-Y00801-50UG
Hersteller Artikelnummer	Y00801
Alternativnummer	EMB-Y00801-50UG, EMB-Y00801-1MG
Hersteller	EastMabBio
Kategorie	Proteine/Peptide
Applikation	Cell Culture
Spezies Reaktivität	Human
Konjugation	Unconjugated
Molekulargewicht	6.2 kDa
Tag	Tag free
UniProt	P01133
Puffer	Lyophilized from a 0.22 um filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH 7.4
Quelle	CHO cell

Reinheit	95% by SDS-PAGE
Formulierung	Lyophilized powder
Target-Kategorie	EGF
Anwendungsbeschreibung	Expression Region: Asn971-Arg1023. Specificity: Human EGF. Bioactivity: Measured in a cell proliferation assay using NIH3T3 mouse embryonic fibroblast cells. The ED50 for this effect is 0.3 ng/mL. Endotoxin: 10 EU/mg. Research Area: Organoid Culture - Drives epithelial cell proliferation in intestinal, gastric, and mammary organoid systems. Keratinocyte and Epithelial Cell Expansion - Supports growth of skin and mucosal epithelial cells. Wound Healing Research - Models re-epithelialization and tissue regeneration processes. Cancer Cell Proliferation Studies - Investigates EGFR-mediated oncogenic signaling pathways. Serum-Free Culture Systems - Suitable for chemically defined and xeno-free cell culture media