

Catalog number GF-EGF-HU

Recombinant Human EGF (53 aa)

Carrier-free recombinant human EGF, E. coli-expressed, $\geq 98\%$ pure with endotoxin below 0.1 EU/ μg . The standard supplement for epithelial, organoid, and stem-cell media.

Specification

Species	Human
Expressed in	E. coli BL21(DE3)
UniProt	P01133
Accession	NP_001954.2
Residue range	Asn971-Arg1023 (53 aa mature, precursor numbering)
Molecular weight	6.2 kDa (SDS-PAGE)
Purity	$\geq 98\%$ (SDS-PAGE & RP-HPLC)
Endotoxin	≤ 0.1 EU/ μg (LAL)
Bioactivity	ED50 0.1-0.5 ng/mL, BALB/c 3T3 fibroblast proliferation
Carrier	carrier-free
Formulation	Sterile-filtered solution in PBS, pH 7.4, no additives. Supplied frozen; carrier-free (a 0.1% BSA carrier option is also available).
Reconstitution	Supplied ready to use, no reconstitution required. Thaw on ice and dilute directly into culture medium.
Storage	-80 °C. Aliquot on receipt to avoid repeated freeze/thaw.
Stability	12 mo at -80 °C; 1 wk at 2-8 °C once thawed. Do not refreeze.
Grade	Research use only

Ordering

Catalog no.	Pack	List price	Availability
GF-EGF-HU-100UG	100 μg	\$19	Waitlist
GF-EGF-HU-500UG	500 μg	\$42	Waitlist
GF-EGF-HU-1MG	1 mg	\$58	Waitlist

GF-EGF-HU continued

Storage and shipping

Cold chain	Frozen, on dry ice. Declared UN1845, dangerous goods class 9.
Hazard classification	None
Certificate of Analysis	Issued per lot and shipped with the product. Any lot can be retrieved at bramantebio.com/support/coa/

Research use only

For research use only. Not for use in diagnostic or therapeutic procedures, and not for human or veterinary use. The purchaser is responsible for determining suitability for their application and for compliance with applicable biosafety and institutional requirements.