

Active Recombinant Human HBEGF protein, His-tagged

Cat. No. HBEGF-1534H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HBEGF protein(Asp63-Leu148), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	63-148 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.
Bio-activity	Immobilized Human HBEGF, His Tag at 5 µg/mL (100 µL/well) can bind Human EGF R, Fc Tag with a linear range of 1-20 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 11.8 kDa. The protein migrates as 16-23 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Asp63-Leu148
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or

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lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name HBEGF heparin-binding EGF-like growth factor [Homo sapiens]

Official Symbol HBEGF

Synonyms

HBEGF; heparin-binding EGF-like growth factor; diphtheria toxin receptor (heparin binding epidermal growth factor like growth factor) , DTR, DTS, HEGFL; proheparin-binding EGF-like growth factor; Diphtheria toxin receptor (heparin binding EGF like growth factor); heparin binding epidermal growth factor; heparin-binding epidermal growth factor; diphtheria toxin receptor (heparin-binding EGF-like growth factor); diphtheria toxin receptor (heparin-binding epidermal growth factor-like growth factor); DTR; DTS; DTSF; HEGFL;

Gene ID 1839

mRNA Refseq NM_001945

Protein Refseq NP_001936

MIM 126150

UniProt ID Q99075

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