

## Recombinant Human HBEGF protein, His-tagged

Cat. No. HBEGF-6733H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human HBEGF protein(25-162 aa), fused with N-terminal His tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	25-162 aa
<b>Form</b>	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
<b>AASequence</b>	SLERLRRGLAAGTSNPDPTVSTDQLLPLGGGRDRKVRDLQEADLDLLRVTLSSKP QALATPNKEEHGKRKKKGGKGLGKKRDPCLRKYKDFCIHGECKYVKELRAPSCICHP GYHGERCHGLSLPVENRLYTYDHTTI
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
<b>Reconstitution</b>	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25

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g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

## 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

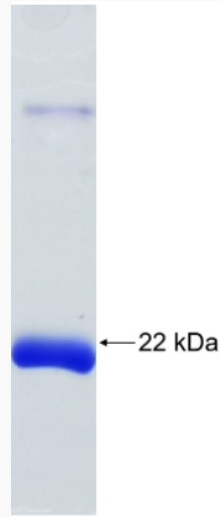
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SDS-PAGE



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