

Bioactive

# HBEGF (Human) Recombinant Protein

Catalog # P7275

Size 10 ug

## Specification

Product Description	Human HBEGF (Q99075, 63 a.a. - 148 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	DLQEADLDLLRVTLSSKPQALATPNKEEHGKRKKKGKGLGKKRDPCLRKYKDFCIHGGECKYVKE LRAP SCICHPGYHGERCHGLSL
Host	Escherichia coli
Theoretical MW (kDa)	9.699999999999999
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 97% as analyzed by SDS-PAGE. > 97% as analyzed by HPLC.
Endotoxin Level	< 1 EU/ug of protein by LAL method
Activity	Fully biologically active when compared to standard. The ED <sub>50</sub> as determined by a cell proliferation assay using murine Balb/c 3T3 cells is less than 1.0 ng/ml, corresponding to a specific activity of > 1.0 × 10 <sup>6</sup> IU/mg.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS. Reconstitute the lyophilized powder in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL.
Storage Instruction	Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Functional Study
- SDS-PAGE

## Gene Info — HBEGF

Entrez GeneID	<a href="#">1839</a>
Protein Accession#	<a href="#">Q99075</a>
Gene Name	HBEGF
Gene Alias	DTR, DTS, DTSF, HEGFL
Gene Description	heparin-binding EGF-like growth factor
Omim ID	<a href="#">126150</a>
Gene Ontology	<a href="#">Hyperlink</a>
Other Designations	diphtheria toxin receptor (heparin-binding EGF-like growth factor) diphtheria toxin receptor (heparin-binding epidermal growth factor-like growth factor) heparin-binding epidermal growth factor

## Pathway

- [Epithelial cell signaling in Helicobacter pylori infection](#)
- [ErbB signaling pathway](#)
- [GnRH signaling pathway](#)

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hyperparathyroidism](#)