

Bioactive

HBEGF (Human) Recombinant Protein

Catalog # P7490

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	DLQEADLDLLRVTLSKPKALATPNKEEHGKRKKKGKGLGKKRDPCLRKYKDFCIHGECKYVKE LRAPSCICHPGYHGERCHGLSL
Host	Escherichia coli
Theoretical MW (kDa)	12 ~ 14
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 95% as analyzed by SDS-PAGE.
Endotoxin Level	< 0.4 EU/ ug of protein (gel clotting method)
Activity	ED ₅₀ < 0.75 ng/mL, measured in a cell proliferation assay using 3T3 cells.
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 ddH ₂ O or PBS up to 100 ug/mL.
Storage Instruction	Store at 4°C for 1 week. For long term storage store at -20°C to -82°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — HBEGF

Entrez GeneID	1839
Protein Accession#	Q99075
Gene Name	HBEGF
Gene Alias	DTR, DTS, DTSF, HEGFL
Gene Description	heparin-binding EGF-like growth factor
Omim ID	126150
Gene Ontology	Hyperlink
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](#)