

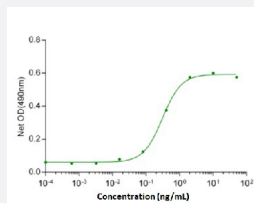
Bioactive

HBEGF (Human) Recombinant Protein

Catalog # P7402

Size 5 ug

Applications



Result of activity analysis

Result of activity analysis

Specification

Product Description	Human HBEGF (Q99075, 63 a.a. - 148 a.a.) partial recombinant protein expressed in CHO cells.
Sequence	DLQEADLDLLRVTLSKPQALATPNKEEHGKRKKKGKGLGKKRDPCLRKYKDFCIHGECKYVKE LRAPSCICHPGYHGERCHGLSL
Host	Mammals
Theoretical MW (kDa)	12 ~ 14
Form	Lyophilized
Preparation Method	Mammalian cell (CHO) expression system
Purity	> 95% as analyzed by SDS-PAGE. > 95% as analyzed by HPLC.
Endotoxin Level	< 0.2 EU/ ug of protein (gel clotting method)
Activity	ED ₅₀ < 0.5 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.
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Storage Instruction	Store at 4°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
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Note	Result of activity analysis Result of activity analysis
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Applications

- Functional Study
- SDS-PAGE

Gene Info — HBEGF

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