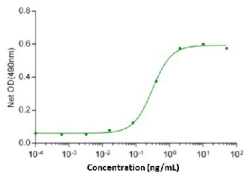
Bioactive

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	DLQEADLDLLRVTLSSKPQALATPNKEEHGKRKKKGKGLGKKRDPCLRKYKDFCIHGECKYVKE 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.

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Storage Buffer	Lyophilized from PBS. Reconstitute the lyophilized powder in ddH_2O 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 -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis

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

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Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Hyperparathyroidism

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