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 *Escherichia coli*.
Sequence	DLQEADLDLLRVTLSSKPQALATPNKEEHGKRKKKGKGLGKKRDPCLRKYKDFCIHGECKYVKE LRAPSCICHPGYHGERCHGLSL
Host	Escherichia coli
Theoretical MW (kDa)	12 ~ 14
Form	Lyophilized
Preparation Method	*Escherichia coli* 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_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 -82°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Copyright © 2023 Abnova Corporation. All Rights Reserved.

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

Copyright © 2023 Abnova Corporation. All Rights Reserved.