Bioactive

Hbegf (Mouse) Recombinant Protein

Catalog # P7277 Size 10 ug

Specification

Product Description	Mouse Hbegf (Q06186, 63 a.a. - 148 a.a.) partial recombinant protein expressed in *Escherichia coli* .
Sequence	DLEGTDLNLFKVAFSSKPQGLATPSKERNGKKKKKGKGLGKKRDPCLRKYKDYCIHGECRYLQE FRTPSCKCLPGYHGHRCHGLTL
Host	Escherichia coli
Theoretical MW (kDa)	9.800000000000001
Form	Lyophilized
Preparation Method	*Escherichia coli* 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_{50}as determined by a cell proliferation a ssay using murine Balb/c 3T3 cells is less than 1.0 ng/mL, corresponding to a specific activity of > 1. 0×10^6 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

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- Functional Study
- SDS-PAGE

Gene Info — Hbegf

Entrez GeneID	15200
Protein Accession#	Q06186
Gene Name	Hbegf
Gene Alias	AW047313, DTS, Dtr, HB-EGF, Hegfl, MGC107656
Gene Description	heparin-binding EGF-like growth factor
Gene Ontology	Hyperlink
Other Designations	diphtheria toxin receptor|heparin binding epidermal growth factor-like growth factor

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