Bioactive

Hbegf (Mouse) Recombinant Protein

Catalog # P8656 Size 50 ug

Specification

Product Description	Mouse Hbegf 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
Purification	chromatographic
Purity	> 97% as determined by (a) RP-HPLC.(b) SDS-PAGE.
Activity	ED_{50} < 1.0 ng/mL, determined by a cell proliferation assay using balb/c 3T3 cells, corresponding to a specific activity of > 1.0 x 10^6 units/mg.
Storage Buffer	Lyophilized from a solution containing 10mM PB, pH 7.4, 500mM NaCl. Reconstitute the lyophilized powder in ddH_2O to 100 ug/mL.
Storage Instruction	Lyophilized protein at room temperature for 3 weeks, should be stored at -20°C. Protein aliquots at 4 °C for 2-7 days and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Applications

- Functional Study

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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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