Bioactive

KitI (Mouse) Recombinant Protein

Catalog # P9179 Size 2 x 10 ug

Specification

Product Description	Mouse KitI recombinant protein expressed in *Escherichia coli*.
Sequence	MKEICGNPVTDNVKDITKLVANLPNDYMITLNYVAGMDVLPSHCWLRDMVIQLSLSLTTLLDKFSNI SEGLSNYSIIDKLGKIVDDLVLCMEENAPKNIKESPKRPETRSFTPEEFFSIFNRSIDAFKDFMVAS DTSDCVLSSTLGPEKDSRVSVTKPFMLPPVA
Host	Escherichia coli
Theoretical MW (kDa)	18.3
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purification	chromatographic
Purity	> 98% as determined by (a) SEC-HPLC.(b) SDS-PAGE.
Activity	ED_{50} < 10 ng/mL, determined by the dose-dependant stimulation of Human TF-1 cells, correspondin g to a specific activity of 1 x 10^5 IU/mg.
Storage Buffer	Protein (1 mg/mL) was lyophilized from a solution containing 0.02% $NaHCO_3$. Reconstitute the lyophi lized 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 — Kitl

Entrez GeneID	17311
Protein Accession#	P20826
Gene Name	Kitl
Gene Alias	Clo, Con, Gb, Kitlg, Mgf, SCF, SF, SLF, Sl, Steel, contrasted
Gene Description	kit ligand
Gene Ontology	Hyperlink
Other Designations	OTTMUSP00000022753|Steel factor|cloud gray|grizzle-belly|mast cell growth factor|stem cell fact or

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