Bioactive

Kitl (Mouse) Recombinant Protein

Catalog # P4368 Size 10 ug

Specification

Product Description	Mouse Kitl (P20826, 36 a.a. - 189 a.a.) partial recombinant protein expressed in Insect cells.
Sequence	KEICGNPVTDNVKDITKLVANLPNDYMITLNYVAGMDVLPSHCWLRDMVIQLSLSLTTLLDKFSNIS EGLSNYSIIDKLGKIVDDLVLCMEENAPKNIKESPKRPETRSFTPEEFFSIFNRSIDAFKDFMVASDT SDCVLSSTLGPEKDSRVSVTKPFMLPPVA
Host	insect
Theoretical MW (kDa)	18
Form	Lyophilized
Preparation Method	Insect cell expression system
Purification	Ion exchange column and HPLC reverse phase column
Purity	> 90% by SDS-PAGE and HPLC
Endotoxin Level	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less th an 0.1 ng/ug (1EU/ug).
Activity	The ED_{50} was determined by the dose-dependent stimulation of the proliferation of human TF-1 cells is < 2.0 ng/mL, corresponding to a specific activity of >= 5 x 10^5 units/mg.
Storage Buffer	Lyophilized from 20 mM Tris, pH 7.5 (5% trehalose)
Storage Instruction	Store at -20°C on dry atmosphere for 2 years. After reconstitution with deionized water, store at 4°C f or 1 month or store at -20°C for 6 months. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study

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- SDS-PAGE

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 factor

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