

Bioactive

Kitl (Mouse) Recombinant Protein

Catalog # P9179

Size 2 x 10 ug

Specification

Product Description	Mouse Kitl recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	MKEICGNPVTDNVKDITKLVANLPNDYMITLNYVAGMDVLP SHCWLRDMVIQLSLSLTLLDKFSNI SEGLSNYSIIDKLGKIVDDLVL CMEENAPKNIKESPKRPETRSFTPEEFFSIFNRSIDAFKDFMVAS DTSDCVLSSTLGPEKDSRVSVTKPFMLPPVA
Host	Escherichia coli
Theoretical MW (kDa)	18.3
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> 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, corresponding 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 lyophilized powder in ddH ₂ O 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

Gene Info — Kitl

Entrez GeneID	17311
Protein Accession#	P20826
Gene Name	Kitl
Gene Alias	Clo, Con, Gb, Kitlg, Mgf, SCF, SF, SLF, SI, 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