

Recombinant Mouse Kitl protein, His-tagged

Cat. No. Kitl-792M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Kitl aa. (Lys24~Ala247) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Lys24~Ala247
Form	Freeze-dried powder
Molecular Mass	20kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>98%
Characteristic	The isoelectric point is 7.1.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200µg/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

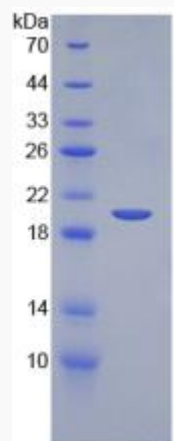
Gene Name	Kitl kit ligand [<i>Mus musculus</i> (house mouse)]
Official Symbol	Kitl
Synonyms	Gb; SF; Sl; Clo; Con; Mgf; SCF; SLF; blz; Kitlg; contrasted; C-kit ligand; Steel factor; cloud gray; grizzle-belly; hematopoietic growth factor KL; mast cell growth factor; stem cell factor; kit ligand
Gene ID	17311
mRNA Refseq	NM_001347156.1
Protein Refseq	NP_001334085.1
UniProt ID	P20826

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SDS-PAGE



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