

## Active Recombinant Mouse Kitl protein, His-tagged

Cat. No. Kitl-576M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Kitl protein(Lys 26 - Ala 189), fused with His tag, was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Lys 26 - Ala 189
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4, 10% trehalose.
<b>Bio-activity</b>	Immobilized Human CD117, Fc Tag at 2 µg/mL (100 µL/well) can bind Mouse SCF, His Tag with a linear range of 0.05-1 ng/mL.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 19.5 kDa. The protein migrates as 19-30 kDa under reducing (R) condition (SDS-PAGE) due to different glycosylation.
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Storage</b>	For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile

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conditions after reconstitution.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** [Kitl kit ligand \[ Mus musculus \]](#)

**Official Symbol** [Kitl](#)

**Synonyms** KITL; kit ligand; cloud gray; C-kit ligand; Steel factor; grizzle-belly; stem cell factor; mast cell growth factor; hematopoietic growth factor KL; Gb; SF; Sl; Clo; Con; Mgf; SCF; SLF; Kitlg; contrasted;

**Gene ID** [17311](#)

**mRNA Refseq** [NM\\_013598](#)

**Protein Refseq** [NP\\_038626](#)

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