

Active Recombinant Mouse Kitl protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Kitl protein(Lys 26 - Ala 189), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Lys 26 - Ala 189
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4, 10% trehalose.
Bio-activity	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.
Molecular Mass	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.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA