

Active Recombinant Mouse Interleukin Kitl, MIgG2a Fc-tagged, mutant

Cat. No. Kitl-501M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The extracellular domain of mouse SCF (AAH11322.1)(Lys26-Gln214) is fused to the N-terminus of the Fc region of a mutant mouse IgG2a was expressed in CHO cell.
Species	Mouse
Source	CHO
ProteinLength	26-214 a.a.
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Bio-activity	Measured in a cell proliferation assay using TF-1 human erythroleukemic cells.
Molecular Mass	50 KDa
AA Sequence	Lys26-Gln214
Endotoxin	<0.06 eu/µg="" as="" determined="" by="" la="" test="">
Purity	≥98%, by SDS-PAGE under reducing conditions.
Stability	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.

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Reconstitution Reconstitute at 100µg/ml in sterile PBS.

Warning Avoid freeze/thaw cycles.

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](#)

Pathway Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Hematopoietic cell lineage, organism-specific biosystem; Hematopoietic cell lineage, conserved biosystem; Kit Receptor Signaling Pathway, organism-specific biosystem; Melanogenesis, organism-specific biosystem; Melanogenesis, conserved biosystem;

Function cytokine activity; growth factor activity; protein binding; stem cell factor receptor binding;

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