

Active Recombinant Rat Kitlg, MlgG2a Fc-tagged

Cat. No. Kitlg-267R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The extracellular domain of rat SCF (AAD02827.1) (Gln26-Glu209) is fused to the N-terminus of the Fc region of mouse IgG2a was expressed in CHO cell.
Species	Rat
Source	CHO
ProteinLength	26-209 a.a.
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Bio-activity	Measured in a cell proliferation assay using MC/9-2 mouse mast cells.
Molecular Mass	50KDa (monomer)
AA Sequence	Gln26-Glu209
Endotoxin	<0.06 eu/µg="" as="" determined="" by="" lal="">
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.
Reconstitution	Reconstitute at 100µg/ml in sterile PBS.

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Warning Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name Kitlg KIT ligand [*Rattus norvegicus*]

Official Symbol Kitlg

Synonyms KITLG; KIT ligand; kit ligand; C-kit ligand; stem cell factor KL-1; mast cell growth factor; steel factor/kit ligand; hematopoietic growth factor KL; Mgf; SCF; Kitl;

Gene ID 60427

mRNA Refseq NM_021843

Protein Refseq NP_068615

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

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