

Active Recombinant Human KITLG protein, Low Endotoxin

Cat. No. KITLG-306H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human KITLG protein(P21583-1)(Glu26-Ala189) is expressed from E.coli without tag.
Species	Human
Source	E.coli
ProteinLength	26-189 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human SCF at 5µg/ml (100µl/well) on the plate. Dose response curve for Human CD117, hFc Tag with the EC50 of 11.55µg/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 18.45 kDa same as Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water.

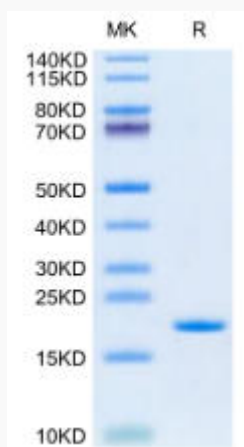
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GENE INFORMATION

Gene Name KITLG KIT ligand [Homo sapiens]**Official Symbol** KITLG**Synonyms** KITLG; KIT ligand; MGF; kit ligand; familial progressive hyperpigmentation 2; FPH2; Kitl; KL 1; mast cell growth factor; SCF; SF; steel factor; stem cell factor; c-Kit ligand; KL-1; SHEP7; kit-ligand; DKFZp686F2250;**Gene ID** 4254**mRNA Refseq** NM_000899**Protein Refseq** NP_000890**MIM** 184745**UniProt ID** P21583**Bis-Tris PAGE**

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ELISA Data

