

Active Recombinant Human KITLG protein, Low Endotoxin

Cat. No. KITLG-141H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human KITLG protein(P21583-1)(Glu26-Ala189) was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	26-189 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
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	Store at -20 to -80°C for 24 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.

 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

Reconstitution Dissolve the lyophilized protein in distilled water.

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](#)

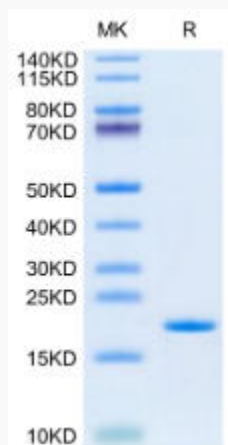
UniProt ID [P21583](#)

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

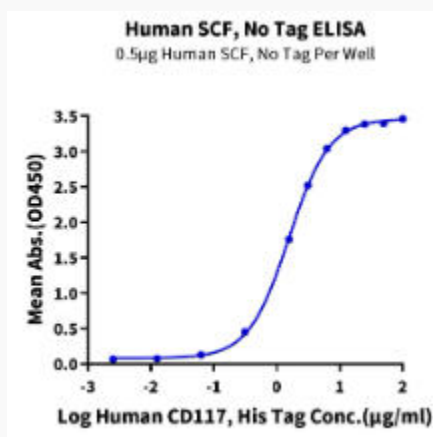
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Bis-Tris PAGE



ELISA Data



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