

## Active Recombinant Human KITLG Protein, His-tagged

Cat. No. KITLG-129H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human KITLG Protein(P21583)(26-214 aa) is expressed in Mammalian Cells with a His tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	26-214 aa
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
<b>Bio-activity</b>	Measured in a cell proliferation assay using TF-1 human erythroleukemic cells. The ED50 for this effect is 2-10 ng/ml.
<b>Molecular Mass</b>	22 KDa
<b>Endotoxin</b>	< 0.01 EU/g as determined by LAL test.
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.
<b>Storage</b>	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	KITLG KIT ligand [ Homo sapiens ]
<b>Official Symbol</b>	KITLG
<b>Synonyms</b>	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;
<b>Gene ID</b>	4254
<b>mRNA Refseq</b>	NM_000899
<b>Protein Refseq</b>	NP_000890
<b>MIM</b>	184745
<b>UniProt ID</b>	P21583

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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