

Recombinant Human KITLG protein, GST-tagged

Cat. No. KITLG-3136H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KITLG protein(P21583)(26-189aa), fused to N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	26-189aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	45.5 kDa
AA Sequence	EGICRNRVTNNVKDVTKLVANLPKDYMITLKYVPGMDVLP SHCWISEM VVQLSDSLT DLLDKFSNISEGLSNYSIIDKLVNIVDDLVECVKENS SKDLKKSFKSPEPRLFTPEEFF RIFNRSIDAFKDFVVASETSDCVVSSTLSPEKDSRVSVTKPFMLPPVA
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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