

Recombinant Full Length Human Kit Ligand(Kitlg) Protein, His-Tagged

Cat. No. RFL23935HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Kit ligand(KITLG) Protein (P21583) (26-273aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length of Mature Protein (26-273)
Form	Lyophilized powder
AA Sequence	EGICRNRVTNNVKDVTCLVANLPKDYMITLKYVPGMDVLP SHCWISEMVVQLSDSLT DLLDKFSNISEGLSNYSIIDKLVNIVDDLVECVKENSSKDLKKSFKSPEPRLFTPEEFF RIFNRSIDAFKDFVVASETSDCVVSSTLSPEKDSRVSVTKPFMLPPVAASSLRNDSSS SNRKAKNPPGDSSLHWAAMALPALFSLIIGFAFGALYWKKRQPSLTRAVENIQINEE DNEISMLQEKEREFQEV
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	KITLG
Synonyms	C kit ligand; C-kit ligand; Ckit ligand; DCUA; DFNA69; DKFZp686F2250; familial progressive hyperpigmentation 2; FPH2; FPHH; KIT ligand; Kitl; KITLG; KL 1; KL1; Mast cell growth factor; MGF; MGF stem cell factor; SCF; SCF_HUMAN; SF; SHEP7; sKITLG; Soluble
UniProt ID	P21583