

Human c-Kit ligand/SCF/KITLG protein (Recombinant) (C-His) (STJP002574)

GENERAL INFORMATION

Product Type	Proteins
Host / Source	HEK293 cells

PRODUCT PROPERTIES

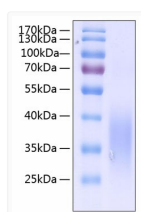
Formulation	Lyophilised from a 0.22 Mu m filtered solution of PBS, pH 7.4.
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

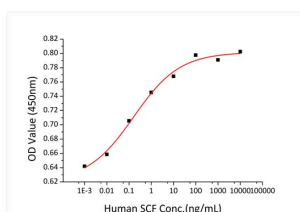
Gene ID	4254
Gene Symbol	KITLG
UniProt ID	SCF_HUMAN
Immunogen Region	Glu26-His214
Immunogen Sequence	EGICRNRVTNNVKDVTKLVA NLPKDYMITLKYPGMDVLP SHCWISEMVVQLSDSLTDLL DKFSNISEGLSNYSIIDKLIV NIVDDLVECVKENS SKDLKK SFKSPEPRLFTPEEFFRIFN RSIDAFKDFVVASETSDCVV SSTLSPEKDSRVSVTKPFML PPVAASSLRNDSSSSNRKAK NPPGDSSLH

ADDITIONAL INFORMATION

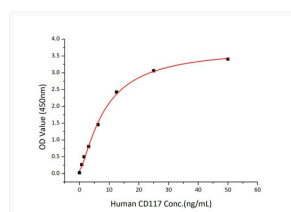
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Recombinant Human c-Kit ligand/SCF/KITLG Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 30-40 kDa.



Recombinant Human SCF promotes the proliferation of TF-1 human erythroleukemic cells. The ED₅₀ for this effect is 0.08-0.3 ng/mL.



Immobilized recombinant human SCF at 1 µg/mL (100 µL/well) can bind recombinant human CD117 with a linear range of 1-6 ng/mL.