

Mouse c-Kit ligand/SCF/KITLG protein (Recombinant) (C-His) (STJP002693)

STJP002693

GENERAL INFORMATION

Product Type Proteins
Short Description
Host/Source HEK293 cells

PRODUCT PROPERTIES

Concentration

Formulation Lyophilised from a 0.22 Mu m filtered solution of PBS, pH 7.4.

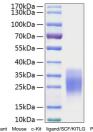
Purification

Dilution Range > 95% by SDS-PAGE.

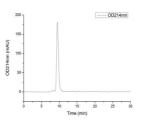
Storage Instruction Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

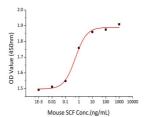
Immunogen Sequence



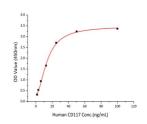
Recombinant Mouse c-Kit ligand/SCF/KITLG Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 18-38kDa.



The purity of Mouse SCF Protein (Cat. STJP002693) was greate than 95% as determined by SEC-HPLC.



Recombinant Mouse SCF stimulates cell proliferation of the TFhuman erythroleukemic cells. The ED₅₀ for thi effect is 0.5-1.0 ng/mL, corresponding to a specific activity of 0Å 10<sup>-8c/sup>-2.0Å 10<sup>-8c/sup> units/mq.



Immobilized recombinant Mouse SCF at 2 Mu g/mL (100 Mu L/well) can bind recombinant human CD117 with a linear range of 1. 5-10ng/mL.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes. St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081