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Mouse c-Kit ligand/KITLG/SCF Recombinant Protein (85-211)

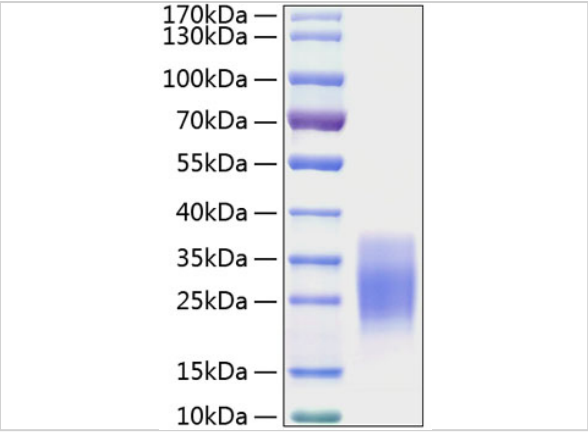
CATALOG NUMBER: 85-211

Specifications

Species	Mouse
Source Species	HEK293 cells
Fusion Tag	C-His
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	19.14 kDa
Biological Activity	1.Measured in a cell proliferation assay using TF-1 human erythroleukemic cells. The ED_{50} for this effect is 0.5-1.0 ng/mL, corresponding to a specific activity of 1.0×10^6-2.0×10^6 units/mg. 2. Measured by its binding ability in a functional ELISA.Immobilized recombinant Mouse SCF at 2 μg/mL (100 μL/well) can bind recombinant human CD117 with a linear range of 1.5-10 ng/mL.

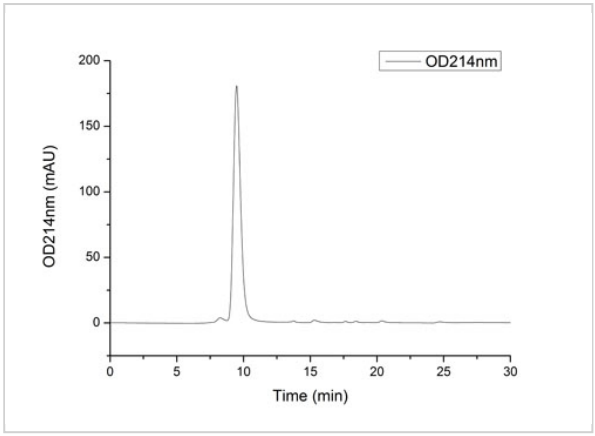
Properties

Purity	≥ 95 % as determined by SDS-PAGE;≥ 95 % as determined by HPLC.
Physical State	Lyophilized
Buffer	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.
Storage Conditions	Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.



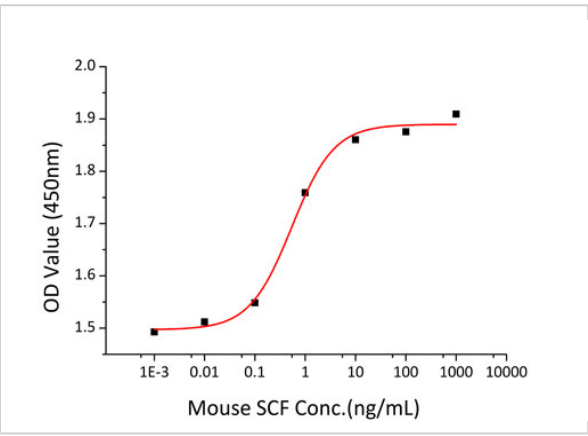
85-211_1

Recombinant Mouse c-Kit ligand/KITLG/SCF Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



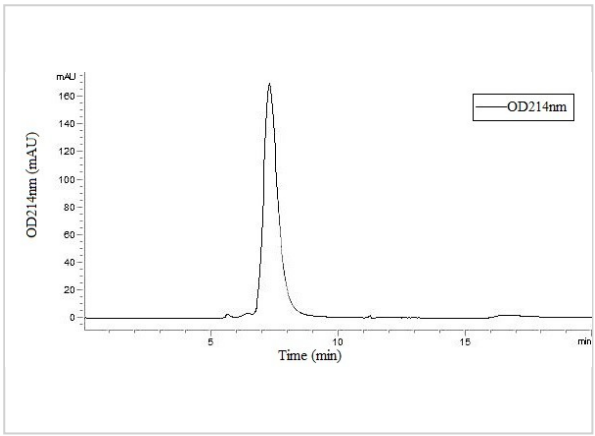
85-211_2

Recombinant Mouse c-Kit ligand/KITLG/SCF Protein is greater than 95% as determined by SEC-HPLC.



85-211_3

Recombinant Mouse SCF stimulates cell proliferation of the TF-1 human erythroleukemic cells. The ED_{50} for this effect is 0.5-1.0 ng/mL, corresponding to a specific activity of 1.0×10



85-211_4

Immobilized recombinant Mouse SCF at 2 μg/mL (100 μL/well) can bind recombinant human CD117 with a linear range of 1.5-10ng/mL.

Disclaimer

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