

Active Recombinant Human SCF protein

Cat. No. SCF-0683H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SCF protein(Glu26-Ala189), fused with N/A tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	26-189 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human SCF (26-189), premium grade at 2 µg/mL (100 µL/well) can bind Biotinylated Human CD117, His,Avitag with a linear range of 0.01-0.313 µg/mL.
Molecular Mass	This protein carries no "tag"The protein has a calculated MW of 18.5 kDa. The protein migrates as 20-33 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Glu26-Ala189
Endotoxin	Less than 0.1 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE. >95% as determined by SEC-MALS.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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