

# Recombinant Human SCF Protein

EXREprotein™

Catalog Number: EXRP019

For Research Use Only. Not Intended for Diagnostic or Therapeutic Use.

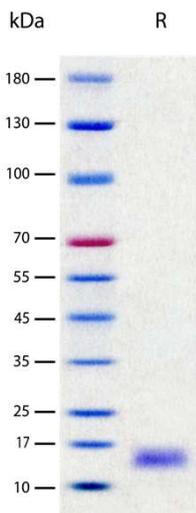
## Product Details

<b>Biological Activity</b>	Determined by a cell proliferation assay using human TF-1 cells. The ED <sub>50</sub> for this effect is typically <8 ng/mL.
<b>Purity</b>	>98% by SDS-PAGE and quantitative densitometry by Coomassie® Blue staining
<b>Endotoxin</b>	<0.005 EU per 1 µg of the protein as determined by the LAL method
<b>Source</b>	Expressed in <i>E. coli</i>
<b>Accession Number</b>	P21583
<b>Sequence</b>	Glu26-Ala189, with an N-terminal Met MEGICRNRVT NNVKDVTKLV ANLPKDYMIT LKYVPGMDVL PSHCWISEMV VQLSDSLTDL LDKFSNISEG LSNYSIIDKL VNIVDDLVEC VKENSSKDLK KSKFSPEPRL FTPEEFFRIF NRSIDAFKDF VVASETSDCV VSSTLSPEKD SRVSVTKPFM LPPVA
<b>Molecular Weight</b>	18.6 kDa (monomer, predicted)
<b>Formulation</b>	Lyophilized from sterile PBS with Trehalose, pH 7.4

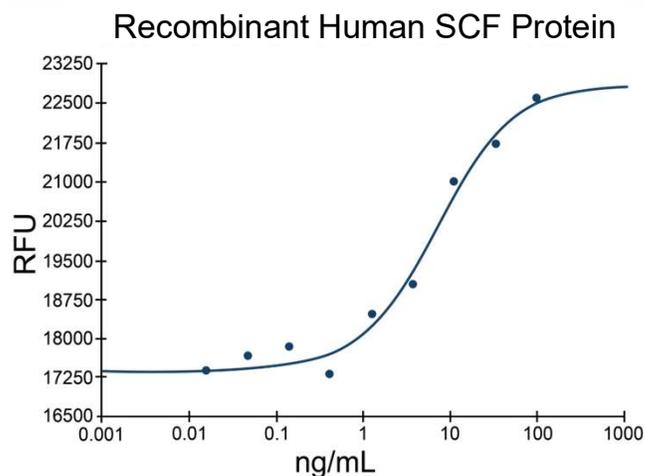
## Storage and Preparation

<b>Shipping</b>	Shipped at ambient temperature.
<b>Stability and Storage</b>	<ul style="list-style-type: none"><li>12 months from date of receipt at -20°C to -70°C, <b>lyophilized powder</b>.</li><li>3 months at -20°C to -70°C under sterile conditions <b>after reconstitution</b>.</li></ul> <b>Avoid repeated freeze-thaw cycles.</b>
<b>Reconstitution</b>	Reconstitute at 100 µg/mL in PBS. If desired, 5% Trehalose or 0.1% BSA may be added.

## Data Images



Recombinant Human SCF (2 µg/lane) on SDS-PAGE under reducing (R) conditions. The gel was stained using Coomassie® Blue showing a single band at 15 kDa and purity greater than 98%.



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