

SCF Protein, Human (HEK 293, His)

Cat. No.:	HY-P70757
Synonyms:	Kit Ligand; Mast Cell Growth Factor; MGF; Stem Cell Factor; SCF; c-Kit ligand; KITLG; MGF; SCF
Species:	Human
Source:	HEK 293
Accession:	P21583 (E26-H214)
Gene ID:	4254
Molecular Weight:	30-50 kDa

PROPERTIES

AA Sequence	<pre> E G I C R N R V T N N V K D V T K L V A N L P K D Y M I T L K Y V P G M D V L P S H C W I S E M V V Q L S D S L T D L L D K F S N I S E G L S N Y S I I D K L V N I V D D L V E C V K E N S S K D L K K S F K S P E P R L F T P E E F F R I F N R S I D A F K D F V V A S E T S D C V V S S T L S P E K D S R V S V T K P F M L P P V A A S S L R N D S S S S N R K A K N P P G D S S L H </pre>
Biological Activity	The cell proliferation assay using TF-1 human erythroleukemic cells has an ED50 value of 2-10 ng/mL.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

Caution: Product has not been fully validated for medical applications. For research use only.

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