

## SCF Protein, Mouse (sf9, His)

Cat. No.:	HY-P73662
Synonyms:	SCF; Hematopoietic growth factor KL; MGF; Mast Cell Growth Factor
Species:	Mouse
Source:	Sf9 insect cells
Accession:	P20826 (M1-A189)
Gene ID:	17311
Molecular Weight:	Approximately 23 kDa

### PROPERTIES

<b>Biological Activity</b>	Measured by its binding ability in a functional ELISA. Immobilized mouse KITL at 2 µg/mL (100 µL/well) can bind mouse CD117 with a linear range of 1.28-32 ng/mL. Measured in a cell proliferation assay using TF-1 human erythroleukemic cells and the ED
<b>Appearance</b>	Lyophilized powder.
<b>Formulation</b>	Lyophilized a 0.2 µm filtered solution of 20 mM Tris, 50 mM NaCl, pH 7.4.
<b>Endotoxin Level</b>	<1 EU/µg, determined by LAL method.
<b>Reconstitution</b>	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
<b>Storage &amp; Stability</b>	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.
<b>Shipping</b>	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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