

Product datasheet for SA6056X

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KITLG / SCF Human Protein

Product data:

Product Type: Recombinant Proteins

Description: KITLG / SCF human recombinant protein, 0.5 mg

Species: Human
Expression Host: E. coli

Expression cDNA Clone MEGICRNRVT NNVKDVTKLV ANLPKDYMIT LKYVPGMDVL PSHCWISEMV VQLSDSLTDL

or AA Sequence: LDKFSNISEG LSNYSIIDKL VNIVDDLVEC VKENSSKDLK KSFKSPEPRL FTPEEFFRIF NRSIDAFKDF

VVASETSDCV VSSTLSPEKD SRVSVTKPFM LPPVA

Predicted MW: 18.5 kDa

Concentration: lot specific

Purity: >95% by SDS-PAGE

Buffer: Presentation State: Purified

State: Liquid protein

Buffer System: Phosphate buffer saline (pH 7.4)

Preparation: Liquid protein

Protein Description: Recombinant human SCF was expressed in E. coli and purified by conventional column

chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer.

Storage: Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C. Avoid repeated freezing and

thawing.

Stability: Shelf life: one year from despatch.

RefSeq: NP 000890

Locus ID: 4254

UniProt ID: <u>P21583</u>, <u>A0A024RBC0</u>

Cytogenetics: 12q21.32

Synonyms: DCUA; DFNA69; FPH2; FPHH; Kitl; KL-1; MGF; SCF; SF; SHEP7; SLF



Summary: This gene encodes the ligand of the tyrosine-kinase receptor encoded by the KIT locus. This

ligand is a pleiotropic factor that acts in utero in germ cell and neural cell development, and

hematopoiesis, all believed to reflect a role in cell migration. In adults, it functions pleiotropically, while mostly noted for its continued requirement in hematopoiesis. Two transcript variants encoding different isoforms have been found for this gene. [provided by

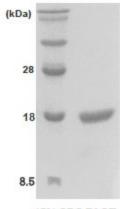
RefSeq, Jul 2008]

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Cytokine-cytokine receptor interaction, Hematopoietic cell lineage, Melanogenesis, Pathways

in cancer

Product images:



15% SDS PAGE