

RECOMBINANT FELINE SCF

KINGFISHER



Catalog Number: RP0150F-025

Quantity: 25 µg

Alias: Stem Cell Factor; Kit Ligand

Source: Yeast

Formulation/Reconstitution: Lyophilized. Reconstitute with sterile phosphate-buffered saline containing at least 0.1% carrier protein.

Stability and Storage: Stable for up to twelve months from date of receipt at -20°C. Stable for at least 3 months when stored in working aliquots with a carrier protein at -20°C. Avoid repeated freeze/thaw cycles.

Molecular Weight: 27.9 kDa (calculated)

Purity: >95% as visualized by SDS-PAGE analysis.

Purification: Ion-exchange chromatography

Entrez Gene ID: 493937

Amino Acid Sequence: GLCRNRVTDD VKDVTKLVAN LPKDYKIALK YVPGMDVLPS
HCWISVMVEQ LSVSLTDLLD KFSNISEGLS NYSIIDKLVK
IVDDLVECVE GHSEENVKKS SKSPEPRLFT PEEFFRIFNR
SIDAFKDLEM VASKTSECVV SSTLSPEKDS RVSVTKPFML
PPVAASSLRN DSSSSNRKAT NPIEDSSIQW AVMALPACFS
LVIGFAFGAF YWKKKQPNLT RTVENIQINE EDNEISMLQE
KEREFAQEV (248)

Bioactivity: The biological activity of recombinant feline SCF was measured in a cell proliferation assay using the human TF-1 cell line. The ED50 for this effect is typically 2 - 4 ng/mL.

Country of Origin: USA

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