

RECOMBINANT CANINE SCF

KINGFISHER



Catalog Number: RP0154D-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: 27.7 kDa (calculated)

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

Purification: Ion-exchange chromatography

Entrez Gene ID: 403507

Amino Acid Sequence: GICGKRVTDD VKDVTKLVAN LPKDYKIALK YVPGMDVLPS
HCWISVMVEQ LSVSLTDLLD KFSNISEGLS NYSIIDKLVK
IVDDLVECTE GYSFENVKKA PKSPELRLFT PEEFFRIFNR
SIDAFKDLET VASKSSECVV SSSLSPDKDS RVSVTKPFML
PPVAASSLRN DSSSSNRKAS NSIGDSNLQW AAMALPAFFS
LVIGFAFGAL YWKKKQPNLT RTVENIQINE EDNEISMLQE
KEREFAQEV (248)

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

Country of Origin: USA

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