

Product Datasheet

Recombinant SCF, Rat (HEK293-expressed) (orb1494624)

Description	Stem Cell Factor (SCF) is a hematopoietic growth factor that binds to the c-Kit receptor. SCF exerts its activity during the early stages of hematopoiesis. SCF stimulates the proliferation of myeloid, erythroid, and lymphoid progenitors in bone marrow cultures and has been shown to act synergistically with colony stimulating factors.
Endotoxins	< 0.2 EU/μg, determined by LAL method.
Preservatives	Lyophilized after extensive dialysis against PBS.
Form/Appearance	Lyophilized after extensive dialysis against PBS.
Storage	Lyophilized recombinant Rat Stem Cell Factor (SCF) remains stable up to 6 months at -80°C from date of receipt. Upon reconstitution, Rat Stem Cell Factor (SCF) should be stable up to 1 week at 4°C or up to 2 months at -20°C.
Note	For research use only
Application notes	Reconstituted in ddH ₂ O or PBS at 100 μg/ml.
Protein Sequence	QEICRNPVTDNVKDITKLVANLPNDYMITLNYVAGMDVLP SHCWLRDMVTHLSVSLTLLD KFSNISEGLSNYSIIDKLG KIVDDL VACMEENAPKNVKESLKKPETRNFTPEEFFSIFNRSIDAFKDFMVASDTSDCVLSST LGPEKDSRVSVTKPFML PPVA
Purity	> 95% as analyzed by SDS-PAGE.
Source	HEK 293
MW	10~20 kDa, observed by reducing SDS-PAGE.
Expiration Date	6 months from date of receipt.

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