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Product Datasheet

Mouse SCF Protein BYT-ORB428322

Article Name	Mouse SCF Protein
Biozol Catalog Number	BYT-ORB428322
Supplier Catalog Number	orb428322
Alternative Catalog Number	BYT-ORB428322-1,BYT-ORB428322-10,BYT-ORB428322-2
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	Recombinant of mouse SCF protein...
Buffer	Lyophilized from a concentrated (1mg/ml) solution in water containing 0.02% NaHCO ₃ .
Purity	Greater than 98.0% as determined by:(a) Analysis by SEC-HPLC.(b) Analysis by SDS-PAGE.
Form	Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	MKEICGNPVT DNVKDITKLV ANLPNDYMIT LNYVAGMDVL PSHCWLRDMV IQLSLSLTTL LDKFSNISEG LSNYSIIDKL GKIVDDL VLC MEENAPKNIK ESPKRPETRS FTPEEFSIF NRSIDAFKDF MVASDTSDCV LSSTLGPEKD SRVSVTKPFM LPPVA

Application Notes

Solubility: It is recommended to reconstitute the lyophilized Stem Cell Factor in sterile 18MO-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions. Biological Activity: The ED₅₀ as determined by the dose-dependant stimulation of Human TF-1 cell line is < 10 ng/ml, corresponding to a Specific Activity of 1x10⁵ IU/mg. Application Notes: Protein content: Protein quantitation was carried out by two independent methods:1. UV spectroscopy at 280 nm using the absorbency value of 0.52 as the extinction coefficient for a 0.1% (1mg/ml) solution. This value is calculated by the PC GENE computer analysis program of protein sequences (IntelliGenetics). 2. Analysis by RP-HPLC, using a standard solution of Stem Cell Factor as a Reference Standard