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## Product Datasheet

### Recombinant Human Stem Cell Factor (rHuSCF ) BWT-PR1115

Article Name	Recombinant Human Stem Cell Factor (rHuSCF )
Biozol Catalog Number	BWT-PR1115
Supplier Catalog Number	PR1115
Alternative Catalog Number	BWT-PR1115-2UG,BWT-PR1115-10UG,BWT-PR1115-1.0MG
Manufacturer	Bioworld Technology
Category	Proteine/Peptide
Product Description	C-kit ligand, the recently identified ligand for the kit tyrosine kinase receptor, is mapped to the mouse S1 locus. This pleiotropic cytokine, alternately known as stem cell factor (SCF), mast cell growth factor (MGF) and steel-factor (SLF), plays es...
Molecular Weight	Approximately 18.4 kDa, a single non-glycosylated polypeptide chain containing 165 amino acids.
Source	Escherichia coli.
Purity	>97% by SDS-PAGE and HPLC analyses.
Form	Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	MEGICRNRVT NNVKDVTKLV ANLPKDYMIT LKYVPGMDVL PSHCWISEMVVQLSDSLTD LDKFSNISEG LSNYSIIDKL VNIVDDLVEC VKENSSKDLK KSFKSPEPRL FTPEEFFRIF NRSIDAFKDF VVASETSDCV VSSTLSPEKD SRVSVTKPFM LPPVA
Formula	Lyophilized from a 0.2mm filtered concentrated solution in PBS, pH 7.4.

Application Notes

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at <-20C. Further dilutions should be made in appropriate buffered solutions.