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Product Datasheet

Recombinant Human Stromal-Cell Derived Factor-1beta/CXCL12 (rHuSDF-1b/CXCL12) BWT-PR1116

Article Name	Recombinant Human Stromal-Cell Derived Factor-1beta/CXCL12 (rHuSDF-1b/CXCL12)
Biozol Catalog Number	BWT-PR1116
Supplier Catalog Number	PR1116
Alternative Catalog Number	BWT-PR1116-2UG,BWT-PR1116-10UG,BWT-PR1116-1.0MG
Manufacturer	Bioworld Technology
Category	Proteine/Peptide
Product Description	Stromal-Cell Derived Factor-1 beta (SDF1beta), also known as SCYB12, PBSF and CXCL12, is an 8.3 kDa, heparin-binding member of the CXC (or alpha) family of chemokines and signal through the CXCR4 receptor. SDF1alpha and beta are reported to be monome...
Molecular Weight	Approximately 8.5 kDa, a single non-glycosylated polypeptide chain containing 72 amino acid residues.
Source	Escherichia coli.
Purity	KPVSLSYRCP CRFFESHVAR ANVKHLKILN TPNCALQIVA RLKNNNRQVC IDPKLKWIQE YLEKALNKRF KM
Form	Measured by its ability to chemoattract human CXCR4 transfected BaF3 mouse proB cells. The ED50 for this effect is typically 1-5 ng/mL.
Sequence	Lyophilized from a 0.2m filtered concentrated solution in PBS, pH 7.4.

Formula	Sterile Filtered White lyophilized (freeze-dried) powder.
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.