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## Product Datasheet

### Human SDF 1a Protein BYT-ORB428350

Article Name	Human SDF 1a Protein
Biozol Catalog Number	BYT-ORB428350
Supplier Catalog Number	orb428350
Alternative Catalog Number	BYT-ORB428350-1,BYT-ORB428350-10,BYT-ORB428350-2
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	Recombinant of human SDF 1a protein...
Buffer	The protein was lyophilized from a concentrated (1 mg/ml) sterile solution containing no additives.
Purity	Greater than 98.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Form	Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	KPVSLSYRCP CRFFESHVAR ANVKHLKILN TPNCALQIVA RLKNNNRQVC IDPKLKWIQE YLEKALNK
Application Notes	Solubility: It is recommended to reconstitute the lyophilized Stromal Cell-Derived Factor-1a in sterile 18MO-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions. Biological Activity: The specific activity as determined by its ability to chemoattract human peripheral T cells activated with PHA and IL-2 using a concentration of 20-80 ng/ml corresponding to a Specific Activity of 12,500-50,000IU/mg. Application Notes: Chemokines