Product Datasheet

Human Stromal-Cell Derived Factor-1beta/CXCL12 (rHuSDF-1b/CXCL12) (orb1495021)

Description	Stromal-Cell Derived Factor-1 SCYB12, PBSF and CXCL12, is an 8.3 kDa, h...
Endotoxins	Less than 1EU/µg of rHuSDF-1b/CXCL12 as determined by LAL method.
Preservatives	Sterile Filtered White lyophilized (freeze-dried) powder.
Form/Appearance	Measured by its ability to chemoattract human CXCR4 transfected BaF3 mouse proB cells. The ED50 for this effect is typically 1-5 ng/mL.
Storage	This lyophilized preparation is stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.
Note	For research use only
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 -20°C. Further dilutions should be made in appropriate buffered solutions.
Protein Sequence	Lyophilized from a 0.2□m filtered concentrated solution in PBS, pH 7.4.
Source	Escherichia coli.
MW	Approximately 8.5 kDa, a single non-glycosylated polypeptide

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