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Product Datasheet

Recombinant Rat SDF-1beta (rRtSDF-1beta/CXCL12) BWT-PR3013

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| Article Name | Recombinant Rat SDF-1beta (rRtSDF-1beta/CXCL12) |
| Biozol Catalog Number | BWT-PR3013 |
| Supplier Catalog Number | PR3013 |
| Alternative Catalog Number | BWT-PR3013-2UG,BWT-PR3013-10UG,BWT-PR3013-1.0MG |
| Manufacturer | Bioworld Technology |
| Category | Proteine/Peptide |
| Product Description | SDF-1alpha and beta are stromal derived CXC chemokines, and signal through the CXCR4 receptor. SDF-1alpha and beta chemoattract B and T cells, and have been shown to induce migration of CD34+ stem cells. Additionally, the SDF-1 proteins exert HIV sup... |
| Molecular Weight | 8.4 kDa, a single non-glycosylated polypeptide chain containing 72 amino acids. |
| Source | Escherichia coli. |
| Purity | >97% by SDS-PAGE and HPLC analyses. |
| Form | Sterile Filtered White lyophilized (freeze-dried) powder. |
| Sequence | KPVSLSYRCP CRFFESHVAR ANVKHLKILN TPNCALQIVA RLKSNNRQVC IDPKLKWIQE YLDKALNKRL KM |
| Formula | Lyophilized from a 0.2mm filtered concentrated solution in 20mM PB, pH 7.4, 150mM NaCl. |

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.