

Stromal Cell-Derived Factor-1 alpha (CXCL12) Protein

Catalogue No.: abx261578

Mouse Stromal Cell-Derived Factor-1 alpha (CXCL12) Protein is a recombinant chemokine.

Target:	SDF 1a
Origin:	Mouse
Expression:	Recombinant
Tested Applications:	SDS-PAGE
Host:	E. coli
Conjugation:	Unconjugated
Form:	Lyophilized
Biological Activity:	The specific activity as determined by its ability to chemoattract human peripheral blood monocytes at 5-1ng/ml corresponding to a Specific Activity of 1,-2,IU/mg.
Purity:	> 98% (SDS-PAGE)
Reconstitution:	It is recommended to reconstitute the lyophilized Stromal Cell-Derived Factor-1a in sterile 18MΩ-cm H2O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.
Storage:	SDF-1a should be stored desiccated below -18 °C. Upon reconstitution CXCL12 should be stored at 4 °C between 2-7 days and for future use below -18 °C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P40224 (UniProt , ExPASy)
KEGG:	mmu:20315
String:	10090.ENSMUSP00000072800
Sequence:	The sequence of the first five N-terminal amino acids was determined and was found to be Lys-Pro-Val-Ser-Leu.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.