Bioactive

Cxcl12 (Mouse) Recombinant Protein

Catalog # P9571 Size 2 x 10 ug

Specification

Product Description	Mouse Cxcl12 (P40224, 22 a.a. - 89 a.a.) partial recombinant protein expressed in *Escherichia coli*.
Sequence	KPVSLSYRCPCRFFESHIARANVKHLKILNTPNCALQIVARLKNNNRQVCIDPKLKWIQEYLEKALN K
Host	Escherichia coli
Theoretical MW (kDa)	8
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purity	> 95.0% by SDS-PAGE
Activity	The Biological activity is 50 - 100 ng/mL, was determined by the ability to chemoattract human periph eral blood monocytes, corresponding to a specific activity of 10000 - 20000 IU/mg.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from sterile distilled Water is 0.5 mg/mL
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Gene Info — Cxcl12

Entrez GeneID	20315
Protein Accession#	P40224
Gene Name	Cxcl12
Gene Alias	AI174028, PBSF, PBSF/SDF-1, SDF-1, Scyb12, Sdf1, Sdf1a, Sdf1b, TLSF, TLSF-a, TLSF-b, TPAR1
Gene Description	chemokine (C-X-C motif) ligand 12
Gene Ontology	Hyperlink
Other Designations	OTTMUSP00000026112|OTTMUSP00000026113|OTTMUSP00000026114|pre-B-cell growth-stimulating factor|stromal cell derived factor 1

Copyright © 2023 Abnova Corporation. All Rights Reserved.