Bioactive

Cxcl12 (Mouse) Recombinant Protein

Catalog # P7247 Size 10 ug

Specification

Product Description	Mouse Cxcl12 (Q4FJL5, 22 a.a. - 89 a.a.) partial recombinant protein expressed in *Escherichia coli*.
Sequence	KPVSLSYRCPCRFFESHIARANVKHLKILNTPNCALQIVARLKNNNRQVCIDPKLKWIQE_x005F_x000D__x000D_ YLEKALNK
Host	Escherichia coli
Theoretical MW (kDa)	8
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purity	> 97% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	The biological activity determined by a chemotaxis bioassay using human peripheral blood monocytes is in a concentration range of 50.0 - 100.0 ng/ml.
Storage Buffer	Lyophilized from sterile distilled Water up to 0.1 - 1.0 mg/ml
Storage Instruction	Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — Cxcl12

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Entrez GeneID	20315
Protein Accession#	Q4FJL5
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

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