

Recombinant Rat Fractalkine/CX3CL1

Catalog No: #AP60375

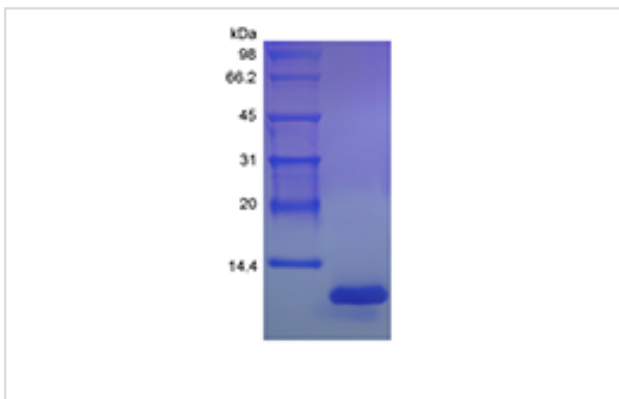
Package Size: #AP60375-1 5ug #AP60375-2 100ug #AP60375-3 500ug

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Description

Product Name	Recombinant Rat Fractalkine/CX3CL1
Host Species	Escherichia coli.
Purification	> 95 % by SDS-PAGE and HPLC analyses.
Other Names	CX3C Membrane-anchored Chemokine, Neurotactin, Small-inducible Cytokine D1
Uniprot	O55145
GeneID	89808
Calculated MW	Approximately 8.8 kDa, a single non-glycosylated polypeptide chain containing 76 amino acids and comprises only the chemokine domain of Rat Fractalkine.
Target Sequence	QHLGMTKCNV TCHKMTSPIP VLLIHYQLN QESCGKRAII LETRQHRHFC ADPKEKWVQD AMKHLDHQTA ALTRNG
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in 2x PBS, pH 7.4.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.- 12 months from date of receipt, -20 to -70 °C as supplied.- 1 month, 2 to 8 °C under sterile conditions after reconstitution.- 3 months, -20 to -70 °C under sterile conditions after reconstitution.

Images



Background

CX3CL1 recently identified through bioinformatics is the only known member of the CX3C chemokine family and it is also commonly known under the names fractalkine (in humans) and neurotactin (in mice). Unlike other known chemokines, CX3CL1 is a type 1 membrane protein containing a chemokine domain tethered on a long mucinlike stalk. The soluble form of CX3CL1 is chemotactic for T-cells and monocytes, but not for neutrophils. In addition, it may play a role in regulating leukocyte adhesion and migration processes at the endothelium. Recombinant Rat CX3CL1 contains 76 amino acids and it shares approximately 86 % and 83 % amino acid sequence homology with the murine and human protein.

Note: This product is for in vitro research use only