



Recombinant Rat Fractalkine (CX3CL1)

20150227BB



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	R20-046
Size:	20 µg
Lot. No.:	According to product label

Sequence

QHLGMTKCN I TCHKMTSPIP VLLLIHYQLN QESCGKRAII
LETRQHRHFC ADPEKEWVQD AMKHLDHQTA ALTRNG

Database References

Protein RefSeq:	NP_604450.1
Uniprot ID:	O55145
mRNA RefSeq:	NM_134455.1

Scientific Background

Gene-ID (NCBI):	89808
Synonyms:	CX3CL1; Cx3c; Scyd1

Fractalkine is a CX3CL chemokine that signals through the CX3CR1 receptor. Fractalkine has been shown to chemoattract monocytes, microglia cells and NK cells. Recombinant rat Fractalkine is an 8.7 kDa protein containing 76 amino acid residues, including the four conserved cysteine residues present in CC chemokines.

Product Specifications

Expressed in	E. coli
Purity	> 98% by SDS-PAGE & HPLC analyses
Endotoxin level	< 0.1 ng /µg of protein (<1EU/µg).
Formulation	lyophilized
Length (aa):	76
MW:	8.7 kDa

Biological Activity: Determined by its ability to chemoattract human monocytes using a concentration range of 5.0-10.0 ng/ml.



AVOID REPEATED FREEZE AND THAW CYCLES!