



# Recombinant Rat Fractalkine (CX3CL1)

20150227BB



**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

<b>Cat.-no.:</b>	<b>R20-046S</b>
Size:	5 µg
Lot. No.:	According to product label

### Sequence

QHLGMTKCN I TCHKMTSPIP VTL LIHYQLN QESCGKRAII  
LETRQHRHFC ADPEKEWVQD AMKHLDHQTA ALTRNG

### Database References

<b>Protein RefSeq:</b>	NP_604450.1
<b>Uniprot ID:</b>	O55145
<b>mRNA RefSeq:</b>	NM_134455.1

## Scientific Background

<b>Gene-ID (NCBI):</b>	89808
<b>Synonyms:</b>	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

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