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Datasheet for ABIN1096452

**CX3CL1 Protein (AA 25-339) (His tag)**

## Overview

Quantity:	50 µg
Target:	CX3CL1
Protein Characteristics:	AA 25-339
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CX3CL1 protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Human C-X3-C Motif Chemokine 1/CX3CL1/Fractalkine (C-6His)
Sequence:	QHHGVTKCN I TCSKMTSKIP VALLIHYQQN QASCGKRAII LETRQHRLFC ADPKEQWVKD AMQHLDQRQA ALTRNGGTFE KQIGEVKPR TPAAGGMDES VVLEPEATGE SSSLEPTPSS QEAQRALGTS PELPTGVTGS SGTRLPPPTK AQDGGPVGTE LFRVPPVSTA ATWQSSAPHQ PGPSLWAEAK TSEAPSTQDP STQASTASSP APEENAPSEG QRVWGQGQSP RPENSLEREE MGPVPAHTDA FQDWGPGSMA HVSVPVSSE GTPSREPVAS GSWTPKAEEP IHATMDPQRL GVLITPVPDA QAATRVDDHHH HHH
Characteristics:	Recombinant Human C-X3-C Motif Chemokine 1/CX3CL1/Fractalkine (C-6His)
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

## Target Details

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Target:	CX3CL1
Alternative Name:	Fractalkine ( <a href="#">CX3CL1 Products</a> )
Background:	<p>Recombinant Human Fractalkine is produced by transfected human cells. It is a secreted protein with sequence (Gln29-Arg339) of Human FKN fused with a polyhistidine tag at the C-terminus.</p> <p>Human Fractalkine (CX3CL1) is a member of the CX3C family of chemokines. Human Fractalkine contains both chemokine and mucin domain. The soluble form of Fractalkine is chemotactic for T-cells and monocytes, but not for neutrophils. The membrane bound form of Fractalkine promotes leukocytes adhesion to endothelial cells. Fractalkine regulates leukocyte adhesion and migration processes at the endothelium and binds to CX3CR1. Natural Human Fractalkine is produced as a long protein (373-AA). The mucin-like stalk permits it to bind to the cell surface.</p>
Molecular Weight:	34.36 kDa
UniProt:	<a href="#">P78423</a>
Pathways:	<a href="#">Synaptic Membrane</a>

## Application Details

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Restrictions:	For Research Use only
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## Handling

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Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH<sub>2</sub>O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at &lt; -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at &lt; -20°C for 3 months.</p>