

Fractalkine (CX3CL1) Active Protein | CX3CL1 active protein

Recombinant Human Fractalkine (CX3CL1)

CATALOG #
AAA214279

HOST
E Coli

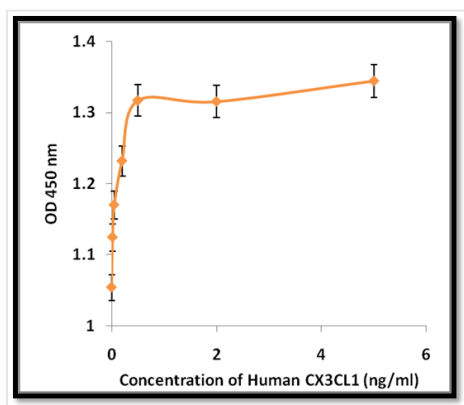
PRODUCT SYNONYMS

Fractalkine (CX3CL1); Recombinant Human Fractalkine (CX3CL1); C-X3-C motif chemokine 1; CX3C membrane-anchored chemokine; Neurotactin; Small-inducible cytokine D1; CX3CL1 active protein

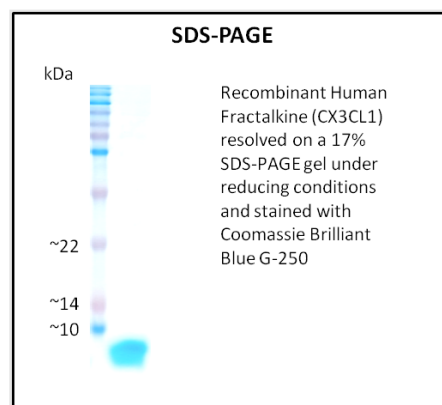
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by SDS-PAGE
Form/Format	Lyophilized from a 0.2 um filtered solution in PBS with BSA as a carrier protein
Sequence Length	397
Bioactivity	Measured by its ability to chemoattract BaF3 mouse pro-B cells transfected with mouse CX3CR1. The ED(50) for this effect is typically 20-100 ng/mL
Endotoxin Level	<1.0 EU/ug of recombinant protein as determined by the LAL method.
Reconstitution	Reconstitute at 25 ug/mL in sterile PBS containing at least 0.1% human or bovine serum albumin
Preparation and Storage	The lyophilized protein is stable for at least one year from date of receipt at -70 degree C. Upon reconstitution, this cytokine can be stored in working aliquots at 2-8 degree C for one month, or at -20 degree C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for CX3CL1 active protein

Fractalkine is a type I membrane protein that signals through the CX3CR1 receptor. The extracellular domain of Fractalkine is released by protease cleavage-producing soluble Fractalkine. Fractalkine has been found in many tissues and shown to be up-regulated in endothelial cells and microglia in response to inflammatory signals. Fractalkine is also involved in leukocyte adhesion as well as attracting monocytes, microglia cells and NK cells.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506857
NCBI GeneID	6376
NCBI Accession #	NP_002987.1
NCBI GenBank Nucleotide #	NP_002987.1
UniProt Accession #	P78423
Molecular Weight	8.9 kDa
NCBI Official Full Name	fractalkine isoform 1
NCBI Official Synonym Full Names	C-X3-C motif chemokine ligand 1
NCBI Official Symbol	CX3CL1
NCBI Official Synonym Symbols	NTN; NTT; CXC3; CXC3C; SCYD1; ABCD-3; C3Xkine; fractalkine; neurotactin
NCBI Protein Information	fractalkine
UniProt Protein Name	Fractalkine
UniProt Gene Name	CX3CL1
UniProt Synonym Gene Names	FKN; NTT; SCYD1
UniProt Entry Name	X3CL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/fractalkine-cx3cl1/214279>