

Bioactive

CX3CL1 (Human) Recombinant Protein

Catalog # P9452

Size 20 ug

Specification

Product Description	Human CX3CL1 (P78423, 25 a.a. - 100 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	QHHGVTKCNITCSKMTSKIPVALLIHYQQNQASCGKRAIILETRQHRLFCADPKEQWVKDAMQHLD RQAAALTRNG
Host	Escherichia coli
Theoretical MW (kDa)	8.6
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 97.0% by SDS-PAGE
Activity	The Biological activity is 5.0 - 10.0 ng/mL, was determined by the ability to chemoattract human T-Ly mphocytes, corresponding to a specific activity of 10000 - 200000 IU/mg.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from sterile distilled Water is > 100 ug/mL
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — CX3CL1

Entrez GeneID	6376
Protein Accession#	P78423
Gene Name	CX3CL1
Gene Alias	ABCD-3, C3Xkine, CXC3, CXC3C, NTN, NTT, SCYD1, fractalkine, neurotactin
Gene Description	chemokine (C-X3-C motif) ligand 1
Omim ID	601880
Gene Ontology	Hyperlink
Gene Summary	member 1 (fractalkine
Other Designations	small inducible cytokine subfamily D (Cys-X3-Cys), member 1 (fractalkine, neurotactin)small inducible cytokine subfamily D (Cys-X3-Cys), member-1

Pathway

- [Chemokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)

Disease

- [Alzheimer disease](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)

- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Hypersensitivity](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Psoriasis](#)
- [Stroke](#)