Fractalkine/CX3CL1 (C-6His), Human, Recombinant

Cat. No. : PCK118

General Information

Synonyms	Fractalkine;C-X3-C Motif Chemokine 1;CX3C Membrane-Anchored Chemokine;Neurotactin;Small-Inducible Cytokine D1;CX3CL1;FKN;NTT;SCYD1
Species	Human
Expression host	Human Cells
Sequence	Gln25-Arg339
Accession	P78423
Tag	C-6His
Mol mass	34.4 kDa
Expiration date	12 months

Product feature

Purity	> 95% as determined by reducing SDS-PAGE.
Endotoxin (EU/μg)	< 0.1
Storage	Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.
Shipping	Ice bag
Formulation	Lyophilized from a 0.2 μm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/mL. Dissolve the lyophilized protein in sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Background

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-amino acid). The mucin-like stalk permits it to bind to the cell surface.

SDS-PAGE