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32-12077: Human Fractalkine (CX3CL1)

Gene :	CX3CL1
Gene ID :	6376
Uniprot ID :	P78423
Alternative Name :	FKN,Â NTT,Â SCYD1, C-X3-C motif chemokine 1, CX3C membrane-anchored chemokine, Neurotactin, Small-inducible cytokine D1

Description

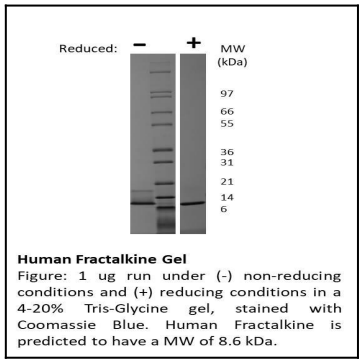
Source: Genetically modified E.coli.
Predicted MW:Â Monomer, 8.6 kDa (76 aa)
Â Fractalkine, also known as CX3CL1, is a cytokine protein containing a CX3C chemokine motif atop a mucin stalk. Fractalkine is produced by non-hemopoietic cells, including neurons and astrocytes. Soluble fractalkine functions as a chemoattractant for T cells and monocytes. Cell-membrane-bound fractalkine, which is induced on activated endothelial cells, promotes leukocyte adhesion. The transmembrane chemokine receptor CX3CR1 mediates the adhesive and chemoattractant functions of fractalkine.

Product Info

Amount :	20 µg / 100 µg
Purification :	Reducing and Non-Reducing SDS PAGE at >= 95%
Content :	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA) Sterile water at 0.1 mg/mL
Storage condition :	Store at -20°C
Amino Acid :	QHHGVTKCNIÂ TCSKMTSKIPÂ VALLIHYQQNÂ QASCGKRAIIÂ LETRQHRLFCÂ ADPKEQWVKDÂ AMQHL DRQAAÂ ALTRNG

Application Note

Endotoxin: Less than 0.1 ng/Ã□Âµg (1 IEU/Ã□Âµg) as determined by LAL test.
Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80Ã□Â°C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vialed to compensate for this loss.



Human Fractalkine Gel
Figure: 1 ug run under (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel, stained with Coomassie Blue. Human Fractalkine is predicted to have a MW of 8.6 kDa.

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