9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Fractalkine Human, His

Fractalkine Human Recombinant (CX3CL1), His Tag
CHK0044

Product Overview

Name	Fractalkine Human, His
Description	
Fractalkine Human Recombinant (CX3CL1), His Tag	
Accession (Primary)	P78423
Synonyms	
Fractalkine, CX3CL1, Neurotactin, CX3C membrane-anchored chemokine, Small inducible cytokine D1, NTN, NTT, CXC3, CXC3C, SCYD1, ABCD-3, C3Xkine.	
Introduction	
Fractalkine soluble form is chemotactic for t-cells and monocytes, but not for neutrophils. Fractalkine membrane-bound form promotes adhesion of those leukocytes 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) with an extended mucin-like stalk and a chemokine domain on top. The mucin-like stalk permits it to bind to the cell surface. Fractalkine gene is located on human chromosome 16 along with some CC chemokines known as CCL17 and CCL22.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The Fractalkine solution (0.5 mg/ml) contains Phosphate Buffered Saline pH7.4 and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MQHHGVTKCN ITCSKMTSKI PVALLIHYQQ NQASCGKRAI ILETRQHRLF CADPKEQWVK DAMQHLDRQA AALTRNG.	

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Precautions

Fractalkine Human, His is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P78423)