

32-1886: Fractalkine His Recombinant Protein

Alternative Name : Fractalkine,CX3CL1,Neurotactin,CX3C membrane-anchored chemokine,Small inducible cytokine D1,NTN,NTT,CXC3,CXC3C,SCYD1,ABCD-3,C3Xkine.

Description

Source : Escherichia Coli. Fractalkine Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 97 amino acids (25-100 a.a.) and having a molecular mass of 10.9kDa. The Fractalkine is purified by proprietary chromatographic techniques. 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.

Product Info

Amount : 10 µg
Purification : Greater than 90.0% as determined by SDS-PAGE.
Content : The Fractalkine solution (0.5 mg/ml) contains Phosphate Buffered Saline pH7.4 and 10% glycerol.
Storage condition : 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.
Amino Acid : MGSSHHHHH SSGLVPRGSH MQHHGVTKCN ITCSKMTSKI PVALLIHYQQ NQASCGKRAI ILETRQHRLF CADPKEQWVK DAMQHLDLDRQA AALTRNG.

