

Recombinant Mouse C-X3-C Motif Chemokine 1/CX3CL1/Fractalkine Protein(C-6His)

Cat.NO.: TP04991

3th Edition

Synonyms:Fractalkine; C-X3-C motif chemokine 1; CX3C membrane-anchored chemokine; Neurotactin; Small-inducible cytokine D1; Cx3c; Fkn; Scyd1; CXC3; CXC3C; ABCD-3; SCYD1; C3Xkine; NTN; NTT

Description:Fractalkine(CX3CL1) is a single-pass type I membrane protein and belongs to the intercrine delta family. It consists of an extracellular NH₂-terminal domain, a mucin-like stalk, a transmembrane α helix, and a short cytoplasmic tail. CX3CL1 exists in two forms: as a membrane-anchored or as a shed 80-95K glycoprotein. Soluble CX3CL1 is generated by limited proteolysis on the cell surface, and a disintegrin and metalloproteinase 10 (ADAM10) and ADAM17/tumor necrosis factor- α -converting enzyme (ADAM17/TACE) participate in this shedding. It has been suggested that ADAM10 acts in the constitutive shedding, and ADAM17 acts in response to cell activation. The protein may play a role in regulating leukocyte adhesion and migration processes at the endothelium.

Form:PBS

Molecular Weight:34.3 kDa

Sequences:Gln25-Arg337

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 μ g of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.