

## Product datasheet for **TP727169**

### Cx3cl1 Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse C-X3-C Motif Chemokine 1/CX3CL1/Fractalkine (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Gln25-Arg337
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Note:	Recombinant Mouse C-X3-C motif chemokine 1 is produced by our Mammalian expression system and the target gene encoding Gln25-Arg337 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	20312
UniProt ID:	<a href="#">O35188</a>
Summary:	Fractalkine(CX3CL1) is a single-pass type I membrane protein and belongs to the intercrine delta family. It consists of an extracellular NH <sub>2</sub> -terminal domain, a mucin-like stalk, a transmembrane $\alpha$ 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 metallopeptidase 10 (ADAM10) and ADAM17/tumor necrosis factor- $\alpha$ -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.



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