

# Mouse Fractalkine Recombinant Protein



RPPB1139

## Product Information Protein Information

### Product SKU:

RPPB1139

### Accession:

O35188

### Host:

Escherichia Coli.

### Protein description:

Fractalkine Mouse Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 76 amino acids and having a molecular mass of 8.7kDa. The CX3CL1 is purified by proprietary chromatographic techniques.

### Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

### Synonyms:

Fractalkine, C-X3-C motif chemokine 1, CX3C membrane-anchored chemokine, Neurotactin, Small-inducible cytokine D1, Cx3cl1, Cx3c, Fkn, Scyd1, CX3C, ABCD-3, AB030188, AI848747, D8Bwg0439e.

### Formulation:

Lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.4.

### Purity:

Greater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

### Solubility:

It is recommended to reconstitute the lyophilized CX3CL1 in sterile 18MΩ-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

### Stability:

Lyophilized CX3CL1 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CX3CL1 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

### Amino Acid Sequence:

QHLGMTKCEI MCGKMTSRIP VALLIRYQLN QESCGKRAIV LETTQHRRFC ADPKEKWWVD AMKHLDHQAA  
ALTNG.

### Biological Activity:

The ED50s determined by a cell proliferation assay using human peripheral blood lymphocytes (PBL) is less than 0.5 µg/ml, corresponding to a specific activity of > 2000IU/mg.