

# Rat Fractalkine Recombinant Protein



RPPB1138

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## Product Information    Protein Information

**Product SKU:**

RPPB1138

**Accession:**

O55145

**Host:**

Escherichia Coli.

**Protein description:**

Fractalkine Rat 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 Fractalkine is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

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

**Formulation:**

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

**Purity:**

Greater than 97.0% as determined by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized Fractalkine in sterile 18MΩ-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized FractalkineRat although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Fractalkine should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

**Amino Acid Sequence:**

QHLGMTKCNI TCHKMTSPIP VLLIHYQLN QESCGKRAII LETRQHRHFC ADPKEKWVQD AMKHLDHQTA ALTRNG

**Biological Activity:**

Determined by its ability to chemoattract human monocytes using a concentration range of 5.0-10.0 ng/ml, corresponding to a specific activity of 100,000-200,000units/mg.