

Rat Fractalkine / CX3CL1

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

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order #	Lot #	Expiry Date
5 µg	1410.970.005		
20 µg	1410.970.020		
100 µg	1410.970.100		
1 mg	1410.970.199		

Please enquire for bulk quantities and other vial sizes

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.

- **Source** *E. Coli*
- **Purity** ≥ 97 % (SDS-PAGE)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** Lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.4*
- **Physical state** Sterile filtered, lyophilized

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.

Reconstitution

We recommend a quick spin followed by reconstitution in sterile water to a concentration of at least 100 µg/ml, which can then be further diluted to other aqueous solutions. Do not vortex.

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 avoid repeated freeze-thaw cycles.

Amino Acid Sequence

QHLGMTKCNI TCHKMTSPIP VLLIHYQLN QESCGKRAII LETRQHRHFC ADPKEKVVQD AMKHLDHQTA
ALTRNG

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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