



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Fractalkine (CX3CL1), His Tag, human recombinant (rHuCX3CL1-His)

**Catalog No:** 97254  
**Lot No:** XXXXX  
**Source:** *E. coli*  
**Synonyms:** Fractalkine, CX3CL1, Neurotactin, CX3C membrane-anchored chemokine, Small inducible cytokine D1, NTN, NTT, CXC3, CXC3C, SCYD1, ABCD-3, C3Xkine

### Background

Fractalkine soluble form is chemotactic for t-cells and monocytes, but not for neutrophils. Fractalkine membrane-bound form promotes adhesion of those leukocytes to endothelial cells. Fractalkine regulates leukocyte adhesion and migration processes at the endothelium and binds to CX3CR1. Natural Human Fractalkine is produced as a long protein (373-amino acid) with an extended mucin-like stalk and a chemokine domain on top. The mucin-like stalk permits it to bind to the cell surface. Fractalkine gene is located on human chromosome 16 along with some CC chemokines known as CCL17 and CCL22.

### Description

Fractalkine human recombinant fused with a 20 amino acid His Tag at N-terminus, produced in *E. coli*, is a single non-glycosylated polypeptide chain containing 97 amino acids (25-100) and having a molecular mass of 10.9 kDa. Fractalkine is purified by proprietary chromatographic techniques.

### Physical Appearance

Sterile filtered clear solution.

### Formulation

The Fractalkine solution (0.5 mg/ml) contains phosphate buffered saline pH 7.4 and 10% glycerol.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Purity

Greater than 90.0% as determined by SDS-PAGE.

### Amino Acid Sequence

MGSSHHHHHH SSSLVPRGSH MQHHGVTKCN ITCSKMTSKI PVALLIHYQQ NQASC GKRAI ILETRQHRLF CADPKEQWVK  
DAMQHLDRQA AALTRNG

### Usage

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