
Fractalkine (25-100)

Human, Recombinant, *E. coli*

Cat. No.: RCP9430

Size:

10µg

Synonym: Chemokine, CX3C Motif, Ligand 1; CX3CL1; Small Inducible Cytokine Subfamily D, Member 1; SCYD1; Neurotactin; NTT; NTN

Description: Fractalkine is a large cytokine protein containing multiple domains and is the only known member of the CX₃C chemokine family. Fractalkine is produced as a long protein (with 373-amino acid in humans) with an extended mucin-like stalk and a chemokine domain on top. The mucin-like stalk permits it to bind to the surface of certain cells. Fractalkine elicits its adhesive and migratory functions by interacting with the chemokine receptor CX₃CR1.

RANDOX recombinant Fractalkine comprises a 76 amino acid fragment (25-100) corresponding to the chemokine domain of the fractalkine protein and is expressed in *E. coli* with an amino-terminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use.

Form: Liquid.

Supplied in 1x Laemmli Buffer (25mM Tris-HCl pH6.8, 50mM DTT, 1% (w/v) SDS, 0.1% (w/v) Bromophenol Blue, 2.5% Glycerol).

Purity: Single band on Western blot.

References: Pan, Y. *et al.* (1997) *Nature* **387** : 611-617.

Bazan, J.F. *et al.* (1997) *Nature* **385** : 640-644.