

Recombinant Human CX3CL1 Protein

Catalog #	Source	Reactivity	Applications
CRP1403	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human CX3CL1 Protein is produced by our Mammalian expression system and the target gene encoding Gln25-Arg339 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.2.		
Gene Symbol	CX3CL1		
Alternative Names	FKN; NTT; SCYD1; Fractalkine; C-X3-C motif chemokine 1; CX3C membrane-anchored chemokine; Neurotactin; Small-inducible cytokine D1		
Entrez Gene	6376 (Human)		
SwissProt	P78423 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	<p>QHHGVTKCNI TCSKMTSKIP VALLIHYQQN QASCGKRAII LETRQHRLFC ADPKEQWVKD AMQHLDQRQA ALTRNGGTFE KQIGEVKPRTPAAGGMDES VVLEPEATGE SSSLEPTPSS QEAQRALGTS PELPTGVTGS SGTRLPPPTPK AQDGGPVGTE LFRVPPVSTA ATWQSSAPHQ PGPSLWAEAK TSEAPSTQDP STQASTASSP APEENAPSEG QRVWGQGQSP RPENSLEREE MGPVPAHTDA FQDWGPGSMA HVSVPVSSE GTPSREPVAS GSWTPKAEEP IHATMDPQRL GVLITPVPDA QAATRVDDHHH HHH</p>		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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