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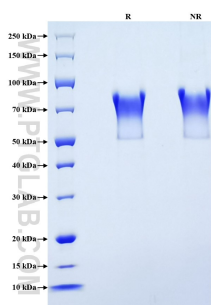
Recombinant Mouse CX3CL1 protein (His Tag)



Catalog Number: Eg0704

Basic Information	Species: Mouse	Purity: >90 %, SDS-PAGE	Tag: His Tag
Technical Specifications	<p>Purity: >90 %, SDS-PAGE</p> <p>Endotoxin Level: <0.1 EU/ µg protein, LAL method</p> <p>Source: HEK293-derived Mouse CX3CL1 protein Gln25-Arg337 (Accession# O35188) with a His tag at the C-terminus.</p> <p>GeneID: 20312</p> <p>Accession: O35188</p> <p>Predicted Molecular Mass: 34 kDa</p> <p>SDS-PAGE: 60-85 kDa, reducing (R) conditions</p> <p>Formulation: Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.</p>		
Biological Activity	Not tested		
Storage and Shipping	<p>Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none">• Until expiry date, -20°C to -80°C as lyophilized proteins.• 3 months, -20°C to -80°C under sterile conditions after reconstitution. <p>Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.</p>		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	<p>CX3CL1, also known as fractalkine, is a trans-membrane chemokine that acts as a ligand for both CX3CR1 and integrins $\alpha_v\beta_3$ and $\alpha_4\beta_1$. CX3CL1 is expressed by many hematopoietic and nonhematopoietic cells, including macrophages, endothelial cells, neurons, and fibroblasts. It is involved in immune responses and inflammation. CX3CL1 exists in a membrane-anchored molecule and a soluble form, generated by proteolytic cleavage.</p>		
References	<ol style="list-style-type: none">1. D L Rossi, et al. (1998) Genomics. 47(2):163-70.2. K J Garton, et al. (2001) J Biol Chem. 276(41):37993-8001.3. Christian Hundhausen, et al. (2003) Blood. 102(4):1186-95.4. Brian A Jones, et al. (2010) Mol Interv. 10(5):263-70.5. Masaaki Fujita, et al. (2012) J Immunol. 189(12):5809-19.		
Synonyms	Cx3cl1, ABCD 3, CX3C, Cxc3, Scyd1		

Selected Validation Data



Purity of Recombinant Mouse CX3CL1 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

T: 027-87531629

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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