

For Research Use Only

Recombinant Human XCL1 protein (rFc Tag)



Catalog Number: Eg2933

| Basic Information | Species: Human | Purity: >80 %, SDS-PAGE | Tag: C-rFc |
|--------------------------|--|----------------------------|---------------|
| Technical Specifications | <p>Purity: >80 %, SDS-PAGE</p> <p>Endotoxin Level: <0.1 EU/μg protein, LAL method</p> <p>Source: HEK293-derived Human XCL1 protein Val22-Gly114 (Accession# P47992) with a rabbit IgG Fc tag at the C-terminus.</p> <p>GeneID: 6375</p> <p>Accession: P47992</p> <p>Predicted Molecular Mass: 36.3 KDa</p> <p>SDS-PAGE:</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>The human chemokine XCL1 is a metamorphic protein that exists as a mixture of two equally populated native state conformations under near-physiologic conditions. XCL1 interconverts spontaneously and reversibly between its two structures, which are (1) the canonical α – β chemokine fold, and (2) a 4-stranded β-sheet that forms a dimer.</p> | | |
| References | <ol style="list-style-type: none">1. Tuinstra RL, et al. Proc. Natl. Acad. Sci. U. S. A 2008, 105, 5057.2. Kuloglu ES, et al. Biochemistry 2001, 40, 12486.3. Kuloglu ES, et al. J. Biol. Chem 2002, 277, 17863. | | |
| Synonyms | Lymphotactin, XCL1, ATAC, C motif chemokine 1, Cytokine SCM-1 | | |

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

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