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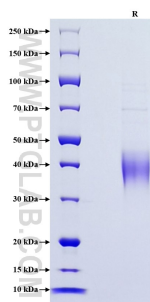
Recombinant Mouse ICAM-2/CD102 protein (His Tag)



Catalog Number: Eg1540

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 ICAM-2 protein Lys23-Gln222 (Accession# P35330) with a His tag at the C-terminus.</p> <p>GeneID: 15896</p> <p>Accession: P35330</p> <p>Predicted Molecular Mass: 23.7 kDa</p> <p>SDS-PAGE: 35-45 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	Intercellular adhesion molecule 2 (ICAM2) is also named CD102. ICAM2 is a type I transmembrane glycoprotein containing two immunoglobulin-like domains, which are crucial to lymphocyte recirculation and mediate cell survival signals via pathways associated with LFA-1. ICAM2 has been reported to be a mediator for a survival signal sufficient to block apoptosis by activation of the PI3K/AKT pathway.		
References	<ol style="list-style-type: none">1.Staunton DE, et al. (1989). Nature. 339(6219):61-4.2.Perez OD, et al. (2002). Immunity. 16(1):51-65.		
Synonyms	CD102, ICAM 2, ICAM2, ICAM-2		

Selected Validation Data



Purity of Recombinant Mouse ICAM-2 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) conditions and stained using Coomassie blue.

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

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