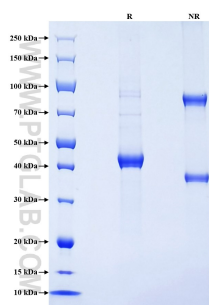


Recombinant Human LECT2 protein (rFc Tag)

Catalog Number: Eg3137

Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	<p>Purity: >90 %, SDS-PAGE</p> <p>Endotoxin Level: <0.1 EU/ µg protein, LAL method</p> <p>Source: HEK293-derived Human LECT2 protein Gly19-Leu151 (Accession# O14960) with a rabbit IgG Fc tag at the C-terminus.</p> <p>GeneID: 3950</p> <p>Accession: O14960</p> <p>Predicted Molecular Mass: 40.6 kDa</p> <p>SDS-PAGE: 40-46 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>LECT2 (Leukocyte cell-derived chemotaxin 2) was first isolated by Yamagoe et al in PHA-activated human T-cell leukaemia SKW-3 cells and originally identified as a novel neutrophil chemotactic factor, in 1996. LECT2 is a 16-kDa secreted protein originally identified as a chemotactic factor for neutrophils that can stimulate the growth of chondrocytes and osteoblasts. LECT2 is a pleiotropic and promising hepatokine, and as a latest ligand for Tie1, played a pro-fibrogenic role in the progression of liver fibrogenesis.</p>		
References	<ol style="list-style-type: none">1. Xie Y. et al. (2022) J Cell Mol Med. 26(13):3598-3607.2. Xu M. et al. (2019) Cell. 178(6):1478-1492.e20.3. Lan F. et al. (2014) Diabetes. 63(5):1649-64.		
Synonyms	LECT2, hLECT2, LECT 2, LECT-2, Leukocyte cell-derived chemotaxin-2		

Selected Validation Data



Purity of Recombinant Human LECT2 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

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