

For Research Use Only

Recombinant Human PRR4 protein (rFc Tag)



Catalog Number: Eg2881

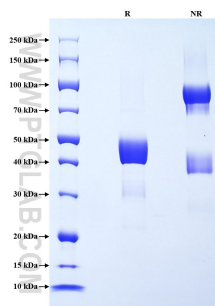
Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	Purity: >90 %, SDS-PAGE Endotoxin Level: <0.1 EU/μg protein, LAL method Source: HEK293-derived Human PRR4 protein Gln17-Trp134 (Accession# Q16378-1) with a rabbit IgG Fc tag at the C-terminus. GeneID: 11272 Accession: Q16378-1 Predicted Molecular Mass: 39.5 kDa SDS-PAGE: 40-50 kDa, reducing (R) conditions 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.		
Biological Activity	Not tested		
Storage and Shipping	Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. • Until expiry date, -20°C to -80°C as lyophilized proteins. • 3 months, -20°C to -80°C under sterile conditions after reconstitution. Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	PRR4, or proline-rich 4, is a gene in humans that encodes a protein belonging to the proline-rich protein (PRP) family. The PRR4 gene is expressed in various submucosal glands, including the parotid gland, and is considered a potential biomarker for indicating the functional efficiency of these glands. PRR4, also named Nectin 4, serves as adhesion molecule that participate in the organization of epithelial and endothelial junctions and receptor for herpes simplex virus entry.		
References	1. Raymond N, et al. (2001). J Biol Chem. 276(46):43205-15.		
Synonyms	PRR4, Lacrimal proline-rich protein, LPRP, Nasopharyngeal carcinoma-associated proline-rich protein 4, PROL4		

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

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Selected Validation Data



Purity of Recombinant Human PRR4 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.