

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.

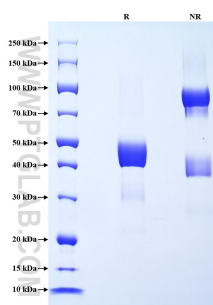
References

1. Reymond 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

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.

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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