

Datasheet for ABIN7491171

F2RL1 Protein (AA 37-71) (Fc Tag)



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1 Image

Overview

Quantity:	100 µg
Target:	F2RL1
Protein Characteristics:	AA 37-71
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This F2RL1 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human F2RL1 protein with C-terminal human Fc tag
Specificity:	F2RL1 (Ser37-Gly71) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	F2RL1
Alternative Name:	F2RL1 (F2RL1 Products)
Background:	This gene encodes a member of the G-protein coupled receptor 1 family of proteins. The

Target Details

encoded cell surface receptor is activated through proteolytic cleavage of its extracellular amino terminus, resulting in a new amino terminus that acts as a tethered ligand that binds to an extracellular loop domain. Activation of the receptor has been shown to stimulate vascular smooth muscle relaxation, dilate blood vessels, increase blood flow, and lower blood pressure. This protein is also important in the inflammatory response, as well as innate and adaptive immunity. [provided by RefSeq, Jun 2016]

Molecular Weight: predicted molecular mass of 29.7 kDa after removal of the signal peptide. The apparent molecular mass of F2RL1-hFc is 33-53 kDa due to glycosylation.

UniProt: [P55085](#)

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#), [SARS-CoV-2 Protein Interactome](#)

Application Details

Restrictions: For Research Use only

Handling

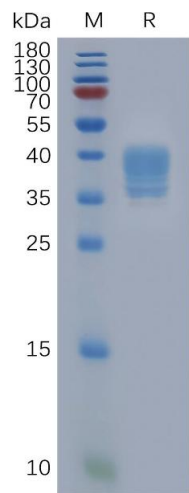
Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



SDS-PAGE

Image 1. Human F2RL1 Protein, hFc Tag on SDS-PAGE under reducing condition.