

Datasheet for ABIN7275450

PGLYRP1 Protein (AA 19-182) (Fc Tag)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	PGLYRP1
Protein Characteristics:	AA 19-182
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PGLYRP1 protein is labelled with Fc Tag.

Product Details

Purpose:	Mouse PGLYRP1 Protein
Sequence:	Phe19-Glu182
Characteristics:	Recombinant Mouse PGLYRP1 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Phe19-Glu182.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	PGLYRP1
Alternative Name:	PGLYRP1 (PGLYRP1 Products)

Target Details

Background:	Innate immunity protein Tag7 (PGRP-S, PGLYRP1) can interact with the TNF α receptor, TNFR1, and block the transduction of apoptotic signals through this receptor. A complex formed between the Tag7 protein and the major heat shock protein Hsp70 can activate TNFR1 receptor and induce tumor cell death via either apoptotic or necroptotic pathway.
Molecular Weight:	45.7 kDa. Due to glycosylation, the protein migrates to 50-55 kDa based on Tris-Bis PAGE result.
UniProt:	O88593
Pathways:	Activation of Innate immune Response

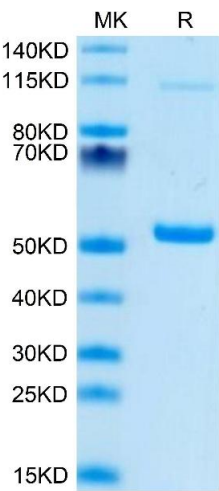
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	Supplied as 0.22 μ m filtered solution in PBS, 10 % Glycerol (pH 8.0).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

Images



SDS-PAGE

Image 1. Mouse PGLYRP1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Mouse PGLYRP1 is greater than 95 % as determined by SEC-HPLC.

