Biotinylated Human PGLYRP1 Protein (Primary Amine Labeling)

Cat. No. PGL-HM101B

Description

Source	Recombinant Biotinylated Human PGLYRP1 Protein (Primary Amine Labeling) is expressed from HEK293 with His tag at the C-terminus.
	It contains Gln22-Pro196.
Accession	O75594
Molecular Weight	The protein has a predicted MW of 21.04 kDa. Due to glycosylation, the protein migrates to 26-35 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
	> 95% as determined by HPLC

Formulation and Storage

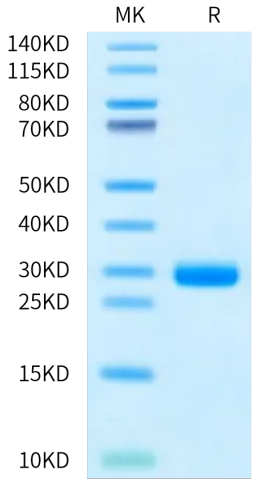
Formulation	Supplied as 0.22 μm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Innate immunity protein Tag7 (PGRP-S, PGLYRP1) can interact with the TNFα 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.

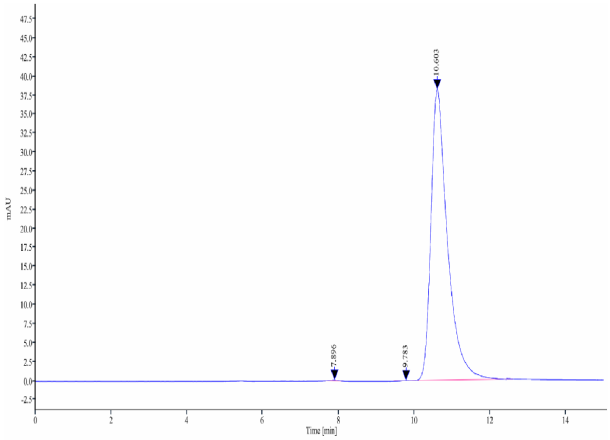
Assay Data

Bis-Tris PAGE



Biotinylated Human PGLYRP1 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Biotinylated Human PGLYRP1 is greater than 95% as determined by SEC-HPLC.