

Mouse PGLYRP1 Protein

Cat. No. PGL-MM201



Description

| | |
|-------------------------|--|
| Source | Recombinant Mouse PGLYRP1 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Phe19-Glu182. |
| Accession | O88593 |
| Molecular Weight | The protein has a predicted MW of 45.7 kDa. Due to glycosylation, the protein migrates to 50-55 kDa based on Bis-Tris PAGE result. |
| Endotoxin | Less than 1EU per μg by the LAL method. |
| Purity | > 95% as determined by Bis-Tris PAGE |

Formulation and Storage

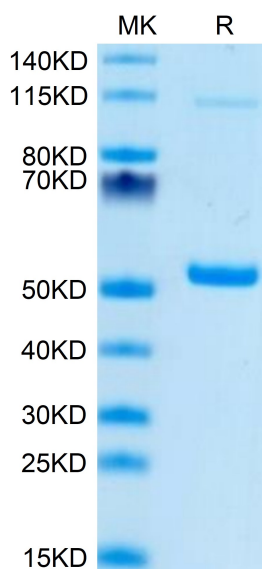
| | |
|--------------------|--|
| Formulation | Supplied as 0.22 μm filtered solution in PBS, 10% Glycerol (pH 8.0). |
| Storage | Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |

Background

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

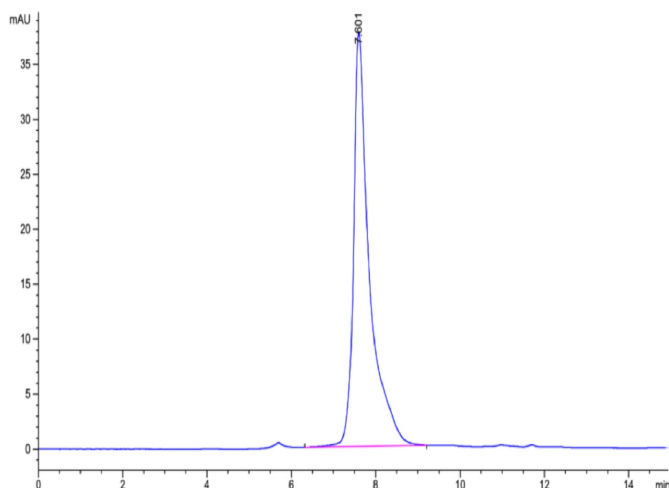
Assay Data

Bis-Tris PAGE



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

SEC-HPLC



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