

Biotinylated Mouse PVRIG Protein

Cat. No. PVR-MM501B

Description	
Source	Recombinant Biotinylated Mouse PVRIG Protein is expressed from Expi293 with hFc tag and Avi tag at the C-terminal. It contains Ser35-Asp165.
Accession	A0A1B0GS01
Molecular Weight	The protein has a predicted MW of 42.7 kDa. Due to glycosylation, the protein migrates to 55-65 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE

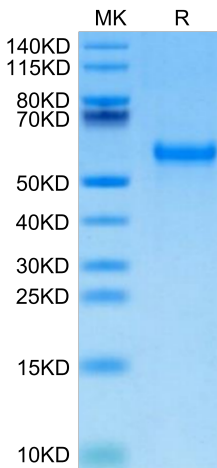
Formulation and Storage	
Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4). Please dilute to the desired concentration according to the concentration of the solution shown on the product label.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

Background

Murine PVRIG interacted weakly with poliovirus receptor (PVR) but bound poliovirus receptor-like 2 (PVRL2) strongly, making the latter its principal ligand. PVRIG is an inducible checkpoint receptor and that targeting PVRIG-PVRL2 interactions results in increased CD8+ T-cell function and reduced tumor growth.

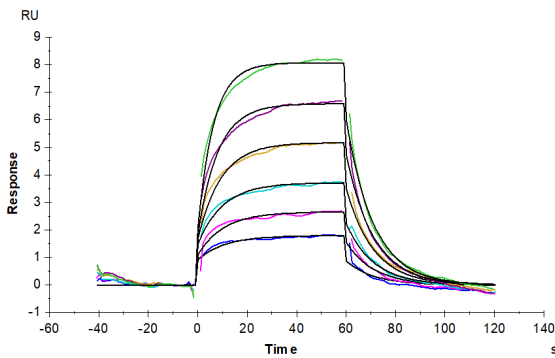
Assay Data

Tris-Bis PAGE



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

SPR Data



Biotinylated Mouse PVRIG, hFc-Avi Tag captured on CM5 Chip via Protein A can bind Mouse Nectin-2, His Tag with an affinity constant of 2.22 µM as determined in SPR assay (Biacore T200).