

Active Recombinant Mouse PVR Protein, Fc-Avi-tagged, Biotinylated

Cat. No. Pvr-624M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Mouse CD155, Fc Tag, Avi Tag is expressed from HEK293 cells. It contains AA Asp 29 - Leu 348 (Accession # Q8K094-1). This protein carries a human IgG1 Fc tag at the C-terminus, followed by a Avi tag.
Species	Mouse
Source	HEK293
ProteinLength	29-348 a.a.
Predicted N Terminal	Asp 29
Form	Lyophilized from 0.22 um filtered solution in 50 mM Tris, 100 mM Glycine, pH7.5, 10% trehalose.
Bio-activity	Immobilized Mouse TIGIT, Fc Tag at 5 ug/mL (100 uL/well) can bind Biotinylated Mouse CD155, Fc Tag, Avi Tag with a linear range of 20-313 ug/mL.
Molecular Mass	The protein has a calculated MW of 63.5 kDa. The protein migrates as 90-120 kDa under reducing condition (SDS-PAGE) due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Characteristic	Biotinylation of this product is performed using Avitag technology. Briefly, the single lysine residue in the Avitag is enzymatically labeled with biotin.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. No activity loss is observed after storage at: 4-8°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin

GENE INFORMATION

Gene Name	Pvr poliovirus receptor [Mus musculus]
Official Symbol	PVR
Synonyms	PVR; poliovirus receptor; PVS; mE4; HVED; Taa1; CD155; Tage4;
Gene ID	21332

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