

Recombinant Human PVR protein, His-Avi-tagged, Biotinylated

Cat. No. PVR-014H Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human PVR protein(P15151-1)(Trp21-Asn343), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Trp21-Asn343
Tag	C-His-Avi
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Biotinylated Human CD155, His Tag at 1µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Human TIGIT, hFc Tag with the EC50 of 3.0ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 38 kDa. Due to glycosylation, the protein migrates to 55-70 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.

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Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Conjugation	Biotin

GENE INFORMATION

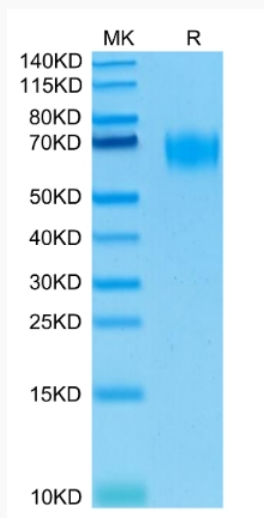
Gene Name	PVR poliovirus receptor [Homo sapiens]
Official Symbol	PVR
Synonyms	PVR; poliovirus receptor; PVS; CD155; HVED; Necl 5; NECL5; nectin like 5; Tage4; nectin-like 5; nectin-like protein 5; TAGE4; Necl-5; FLJ25946;
Gene ID	5817
mRNA Refseq	NM_001135768
Protein Refseq	NP_001129240
MIM	173850
UniProt ID	P15151

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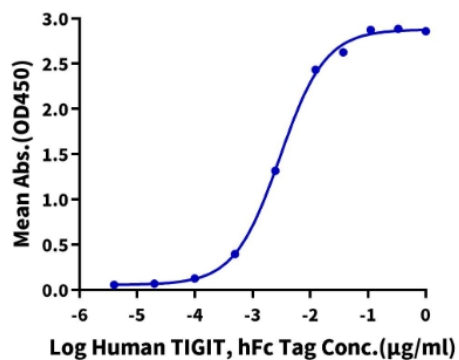
Tris-Bis PAGE



ELISA Data

Biotinylated Human CD155, His Tag ELISA

0.1µg Biotinylated Human CD155, His Tag Per Well



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