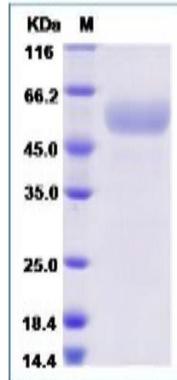


## PVR

### Recombinant Human CD155 / PVR

<b>Catalog No.</b>	CRH391A CRH391B	<b>Quantity:</b>	50 µg 200 µg
<b>Alternate Names:</b>	Poliovirus receptor, Nectin-like protein 5, NECL-5		
<b>Description:</b>	CD155, commonly known as PVR (poliovirus receptor) and Necl-5 (nectin-like molecule -5), is a type I transmembrane single-span glycoprotein, and belongs to the nectins and nectin-like (Necl) subfamily. CD155 was originally identified based on its ability to mediate the cell attachment and entry of poliovirus (PV), an etiologic agent of the central nervous system disease poliomyelitis. The normal cellular function is in the establishment of intercellular adherens junctions between epithelial cells. CD155 may assist in an efficient humoral immune response generated within the intestinal immune system. It has been demonstrated that CD155 can be recognized and bond by DNAM-1 and CD96 which promote the adhesion, migration and NK-cell killing, and thus efficiently prime cell-mediated tumor-specific immunity.		
<b>UniProt ID:</b>	P15151		
<b>Accession Number:</b>	AAA36462.1		
<b>Protein Construction:</b>	A DNA sequence encoding the human PVR (AAA36462.1) (Met1-Asn343) was expressed.		
<b>Source:</b>	HEK293 Cells		
<b>Molecular Weight:</b>	The recombinant human PVR consists of 323 amino acids and predicts a molecular mass of 35.1 kDa.		
<b>Formulation:</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.		
<b>Purity:</b>	> 90 % as determined by SDS-PAGE.		
<b>Endotoxin Level:</b>	< 1.0 EU per µg of the protein as determined by the LAL method		
<b>Biological Activity:</b>	Testing in progress.		
<b>Predicted N-terminal:</b>	Trp 21		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Add sterile distilled water to a concentration of 0.1 mg/mL and gently pipette the solution up and down the sides of the vial. <b>DO NOT VORTEX.</b> Allow several minutes for complete reconstitution.		
<b>Storage &amp; Stability:</b>	Stable for up to 1 year from date of receipt at -20°C to -80°C After reconstitution, store working aliquots at -20°C to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

## SDS-PAGE



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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