

# Human CD155/PVR Protein

HA210149



<b>Product name:</b>	Human CD155/PVR Protein
<b>Species reactivity:</b>	Human
<b>Protein construction description:</b>	Recombinant Human CD155/PVR Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus. It contains Trp21-Asn343.[Accession   P15151-1]
<b>Background:</b>	CD155 is a cell surface adhesion molecule functioning in tumor cell migration, invasion, and metastasis, and not surprisingly, is also designated as a common tumor-associated antigen. CD155 is also recognized by NK cells to induce their cytotoxicity. CD155 is also commonly referred to as the "poliovirus receptor," or PVR.
<b>Purity:</b>	> 95% as determined by Tris-Bis PAGE > 95% as determined by SEC-HPLC
<b>Endotoxin:</b>	Less than 1EU per µg by the LAL method.
<b>Source:</b>	HEK293
<b>Accession:</b>	P15151-1
<b>Predicted molecular mass:</b>	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.
<b>Formulation:</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
<b>Reconstitution:</b>	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Storage:</b>	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3-6 months after reconstitution. 2-8°C for 2-7 days after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

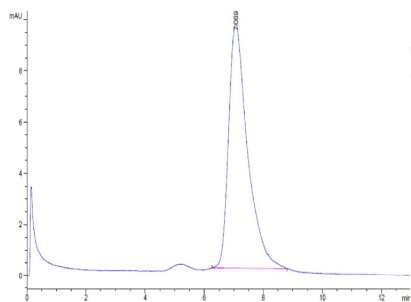
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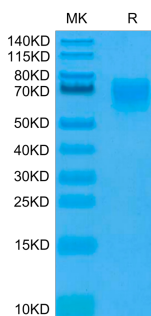
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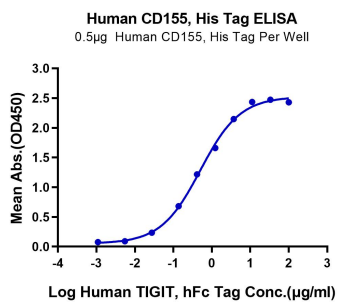
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**Fig1:** The purity of Human CD155 is greater than 95% as determined by SEC-HPLC.



**Fig2:** Human CD155 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



**Fig3:** Immobilized Human CD155, His Tag at 5µg/ml (100µl/Well) on the plate. Dose response curve for Human TIGIT, hFc Tag with the EC50 0.5µg/ml determined by ELISA.

**Note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".