

Human CD155/PVR Protein

HA210243



Product name:	Human CD155/PVR Protein
Species reactivity:	Human
Protein construction description:	Recombinant Human CD155/PVR Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Trp21-Asn343.

Background: 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.

Purity: > 95% as determined by Tris-Bis PAGE

Endotoxin: Less than 1EU per µg by the LAL method.

Source: HEK293

Accession: P15151-1

Predicted molecular mass: The protein has a predicted MW of 61.8 kDa. Due to glycosylation, the protein migrates to 75-100 kDa based on Tris-Bis PAGE result.

Formulation: Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

Reconstitution: Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

Storage: -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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Fig1: Human CD155 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

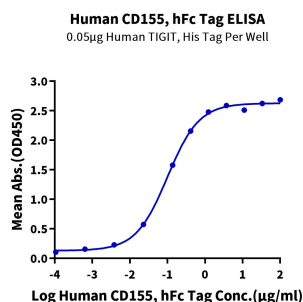


Fig2: Immobilized Human TIGIT, His Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Human CD155, hFc Tag with the EC50 of 0.1µg/ml determined by ELISA (QC Test).

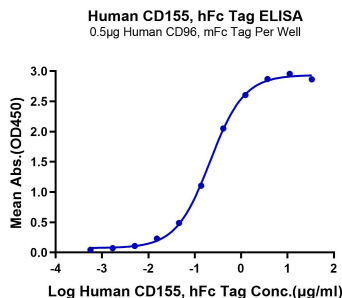


Fig3: Immobilized Human CD96, mFc Tag at 5µg/ml (100µl/Well) on the plate. Dose response curve for Human CD155, hFc Tag with the EC50 of 0.21µg/ml determined by ELISA.

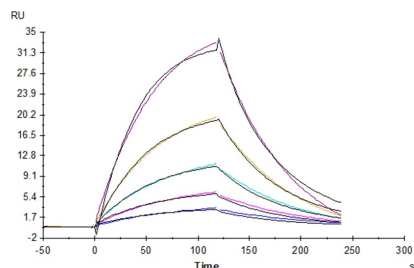


Fig4: Human CD155, hFc Tag captured on CM5 Chip via Protein A can bind Human CD96, His Tag with an affinity constant of 0.958 µM as determined in SPR assay (Biacore T200).

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

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Applications:WB=Western blot IHC-P=Immunohistochemistry (paraffin) IF-Cell=Immunofluorescence (Cell) IF-Tissue=Immunofluorescence (Tissue) FC=Flow cytometry IP=Immunoprecipitation