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32-17027: Recombinant human CD155 protein with C-terminal mouse Fc and 6Ã—His tag

Alternative Name : PVR, FLJ25946, PVS, CD155, TAGE4, HVED, NECL5

Description

Expression Host : HEK293
The protein has a predicted molecular mass of 62.2 kDa after removal of the signal peptide. The apparent molecular mass of CD155-mFc-His is approximately 95-130 kDa due to glycosylation.
The protein encoded by this gene is a transmembrane glycoprotein belonging to the immunoglobulin superfamily. The external domain mediates cell attachment to the extracellular matrix molecule vitronectin, while its intracellular domain interacts with the dynein light chain Tctex-1/DYNLT1. The gene is specific to the primate lineage, and serves as a cellular receptor for poliovirus in the first step of poliovirus replication. Multiple transcript variants encoding different isoforms have been found for this gene.

Product Info

Amount :	50 µg
Purification :	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage condition :	Store at -80°C for 12 months (Avoid repeated freezing and thawing)

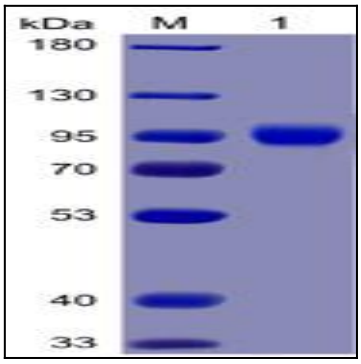

Figure 1. Human CD155 Protein, mFc-His Tag on SDS-PAGE under reducing condition.

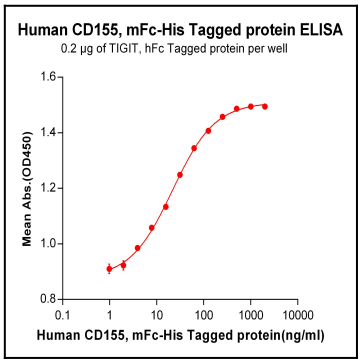

Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human CD155, mFc-His tagged protein can bind Human TIGIT, hFc tagged protein in a linear range of 1.95-125 ng/ml.