

32-17129: Recombinant Human HVEM Protein with C-terminal 6A—His tag

Alternative Name : ATAR; CD270; HVEA; HVEM; LIGHTR; TR2

Description

Expression Host : HEK293

The protein has a predicted molecular mass of 18.2 kDa after removal of the signal peptide. The apparent molecular mass of HVEM-His is approximately 25-55 kDa due to glycosylation.

This gene encodes a member of the TNF (tumor necrosis factor) receptor superfamily. The encoded protein functions in signal transduction pathways that activate inflammatory and inhibitory T-cell immune response. It binds herpes simplex virus (HSV) viral envelope glycoprotein D (gD), mediating its entry into cells. Alternative splicing results in multiple transcript variants.

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)

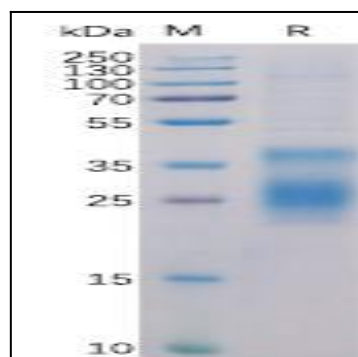


Figure 1. Human HVEM Protein, His Tag on SDS-PAGE under reducing condition.

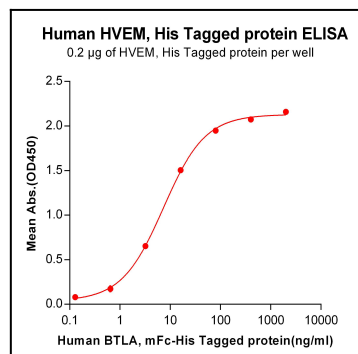


Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human HVEM, His tagged protein can bind Human BTLA, mFc-His tagged protein in a linear range of 0.64-80 ng/ml.

Figure 3. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human HVEM, His tagged protein can bind Human CD160, hFc tagged protein in a linear range of 1.28-160 ng/ml.