

Human ULBP-6 Protein

Cat. No. ULB-HM206



Description

Source	Recombinant Human ULBP-6 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Arg26-Gly218.
Accession	Q5VY80
Molecular Weight	The protein has a predicted MW of 48.61 kDa. Due to glycosylation, the protein migrates to 55-70 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

Formulation and Storage

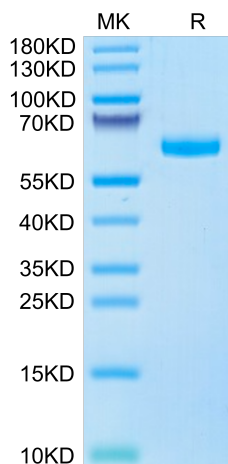
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -20 to -80°C for 3-6 months in unopened state 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.

Background

ULBP6/RAET1L (UL16-binding protein, also known as retinoic acid early transcript), is expressed as a full-length transcript in cells and encodes a protein that is a ligand for both NKG2D and the UL16 protein of HCMV.

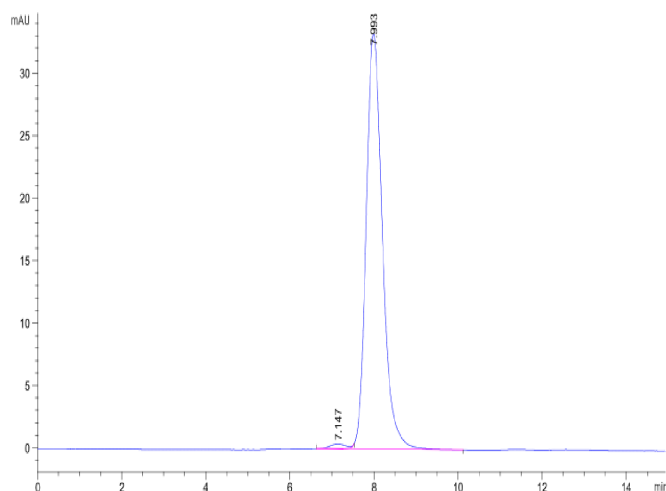
Assay Data

Tris-Bis PAGE



Human ULBP-6 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



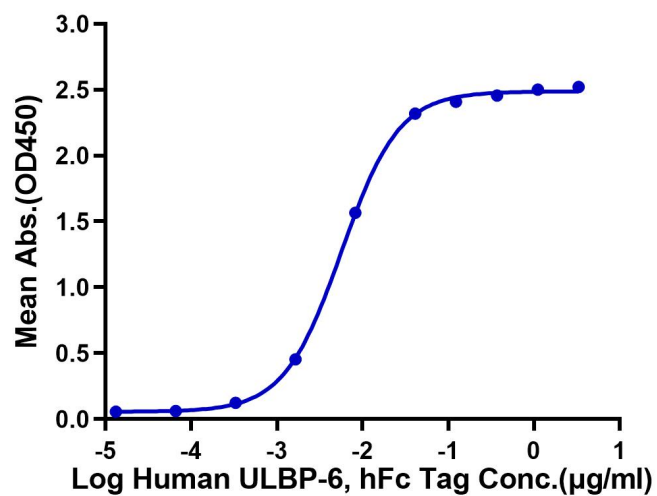
The purity of Human ULBP-6 is greater than 95% as determined by SEC-HPLC.

Assay Data

ELISA Data

Human ULBP-6, hFc Tag ELISA

0.2µg Human NKG2D, His Tag Per Well



Immobilized Human NKG2D, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Human ULBP-6, hFc Tag with the EC50 of 5.7ng/ml determined by ELISA.