Human ULBP-6 Protein, Ultra Low Endotoxin

Cat. No. ULB-HM206-UL

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 Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
	> 95% as determined by HPLC

Formulation and Storage

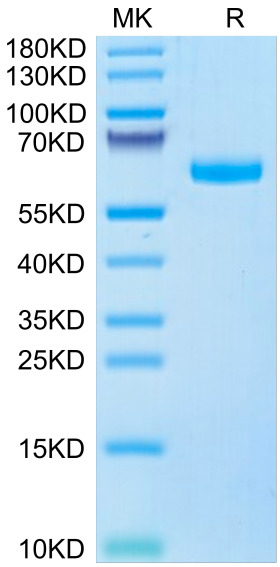
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3 months 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-lengthtranscript in cells and encodes a protein that is a ligand for bothNKG2D and the UL16 protein of HCMV.

Assay Data

Bis-Tris PAGE



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

SEC-HPLC

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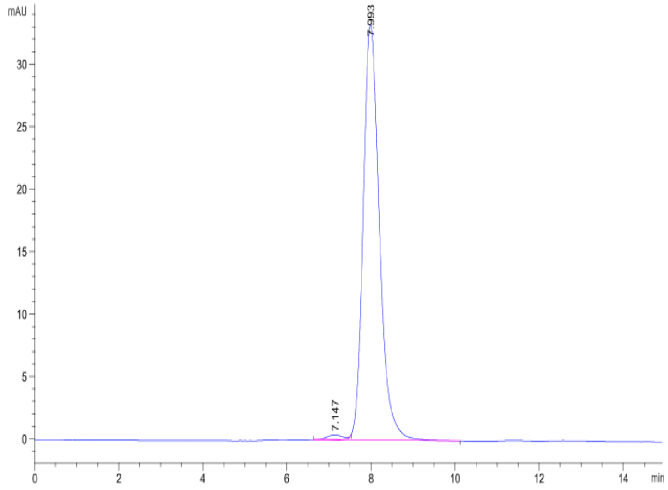
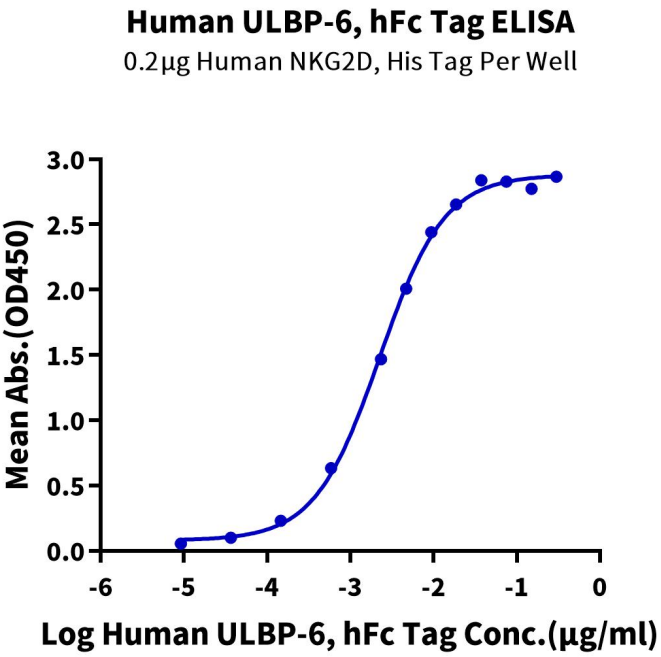


The purity of Human ULBP-6 is greater than 95% as determined by SEC-HPLC.

ELISA Data



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 2.2ng/ml determined by ELISA.