antibodies

Datasheet for ABIN7275815 ULBP2 Protein (AA 26-217) (His-Avi Tag)





Overview

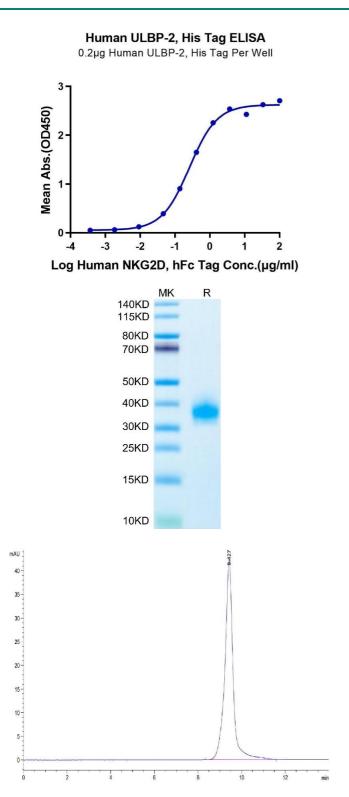
Quantity:	100 µg
Target:	ULBP2
Protein Characteristics:	AA 26-217
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ULBP2 protein is labelled with His-Avi Tag.

Product Details

Purpose:	Human ULBP-2 Protein
Sequence:	Gly26-Ser217
Characteristics:	Recombinant Human ULBP-2 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus.It contains Gly26-Ser217.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per μ g by the LAL method.
Biological Activity Comment:	Immobilized Human ULBP-2, His Tag at 2µg/ml (100µl/Well) on the plate. Dose response curve
	for Human NKG2D, hFc Tag with the EC50 of 0.26 μ g/ml determined by ELISA. See testing
	image for detail.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN7275815 | 01/18/2024 | Copyright antibodies-online. All rights reserved.

Target Details	
Target:	ULBP2
Alternative Name:	ULBP-2 (ULBP2 Products)
Background:	ULBPs activate multiple signaling pathways in primary NK cells, resulting in the production of cytokines and chemokines. Binding of ULBPs ligands to NKG2D induces calcium mobilization and activation of the JAK2, STAT5, ERK and PI3K kinase/Akt signal transduction pathway, mediating natural killer cell cytotoxicity.
Molecular Weight:	24.6 kDa. Due to glycosylation, the protein migrates to 30-40 kDa based on Tris-Bis PAGE result.
UniProt:	Q9BZM5
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μ g/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-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.
Expiry Date:	12 months



ELISA

Image 1. Immobilized Human ULBP-2, His Tag at $2 \mu g/mL$ (100 $\mu L/Well$) on the plate. Dose response curve for Human NKG2D, hFc Tag with the EC50 of 0.26 $\mu g/mL$ determined by ELISA.

SDS-PAGE

Image 2. Human ULBP-2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 3. The purity of Human ULBP-2 is greater than 95 % as determined by SEC-HPLC.

Please check the product details page for more images. Overall 4 images are available for ABIN7275815.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN7275815 | 01/18/2024 | Copyright antibodies-online. All rights reserved.