

Datasheet for ABIN7275402

PLAUR Protein (AA 23-305) (His tag)**4** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	PLAUR
Protein Characteristics:	AA 23-305
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLAUR protein is labelled with His tag.

Product Details

Purpose:	Cynomolgus uPAR/PLAUR Protein
Sequence:	Leu23-Gly305
Characteristics:	Recombinant Cynomolgus uPAR/PLAUR Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Leu23-Gly305.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Cynomolgus uPAR, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human PLAUR, His Tag with the EC50 of 13.8ng/ml determined by ELISA. The affinity constant of 0.033 nM as determined in SPR assay (Biacore T200). See testing image for detail.

Target Details

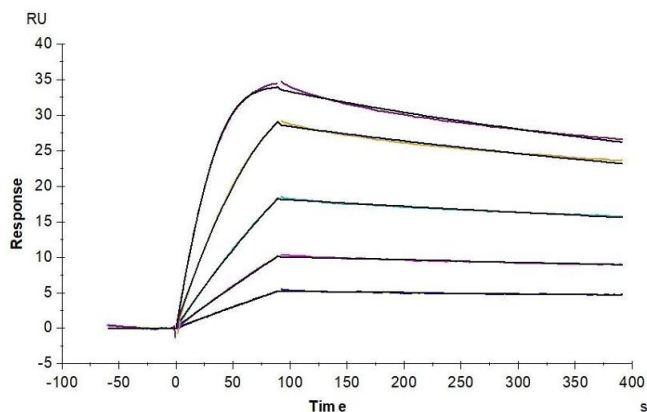
Target:	PLAUR
Alternative Name:	uPAR (PLAUR Products)
Background:	The receptor (u-PAR) for urokinase plasminogen activator (u-PA) is a three-domain protein, GPI-anchored to the cell surface, which focuses the enzymatic activity of u-PA, and allows the cell surface activation of plasminogen. Regulation of the activity of u-PA is also mediated by u-PAR.
Molecular Weight:	32.69 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result.
UniProt:	Q9GK78
Pathways:	Inositol Metabolic Process

Application Details

Restrictions:	For Research Use only
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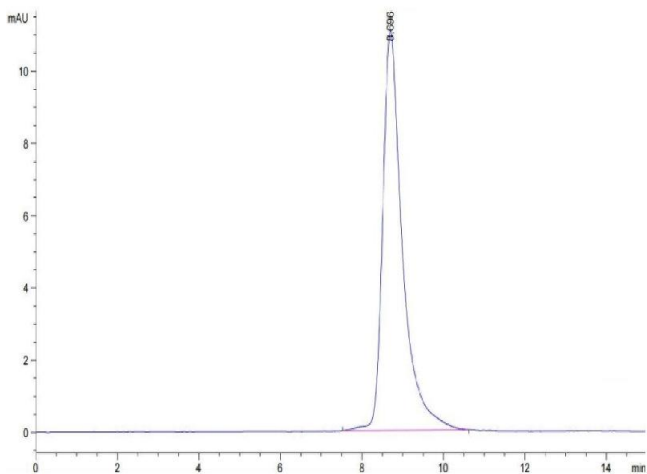
Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/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



Surface Plasmon Resonance

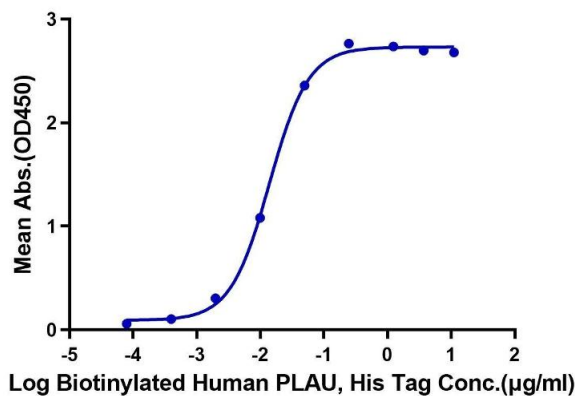
Image 1. Cynomolgus uPAR, His Tag immobilized on CM5 Chip can bind Cynomolgus PLAUI, His Tag with an affinity constant of 0.033 nM as determined in SPR assay (Biacore T200).



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Cynomolgus uPAR is greater than 95 % as determined by SEC-HPLC.

Cynomolgus uPAR, His Tag ELISA
0.1µg Cynomolgus uPAR, His Tag Per Well



ELISA

Image 3. Immobilized Cynomolgus uPAR, His Tag at 1 µg/mL (100 µL/well) on the plate. Dose response curve for Biotinylated Human PLAUI, His Tag with the EC50 of 13.8 ng/mL determined by ELISA.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7275402.