

Datasheet for ABIN7275407

PLAUR Protein (AA 23-305) (His-Avi Tag)**3** Images[Go to Product page](#)

Overview

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

Product Details

Purpose:	Human uPAR/PLAUR Protein
Sequence:	Leu23-Gly305
Characteristics:	Recombinant Human uPAR/PLAUR Protein is expressed from HEK293 with His tag and Avi 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 Human uPAR, His Tag at 1 µg/ml (100 µl/well) on the plate. Dose response curve for Biotinylated Human Human PLAUR, His Tag with the EC50 of 9.6 ng/ml determined by ELISA. See testing image for detail.

Target Details

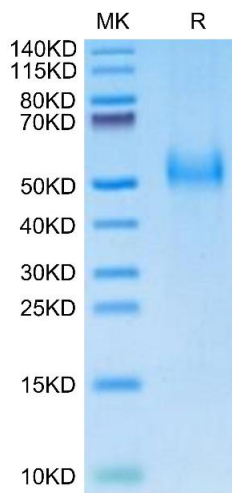
Target:	PLAUR
Alternative Name:	uPAR (PLAUR Products)
Background:	The receptor (u-PAR) for urokinase plasminogen activator (u-PA) is a three-domain protein, GPI-anchored to the cell surface, which focuses the enzymatic activity of u-PA, and allows the cell surface activation of plasminogen. Regulation of the activity of u-PA is also mediated by u-PAR.
Molecular Weight:	34.36 kDa. Due to glycosylation, the protein migrates to 50-60 kDa based on Tris-Bis PAGE result.
Pathways:	Inositol Metabolic Process

Application Details

Restrictions:	For Research Use only
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Handling

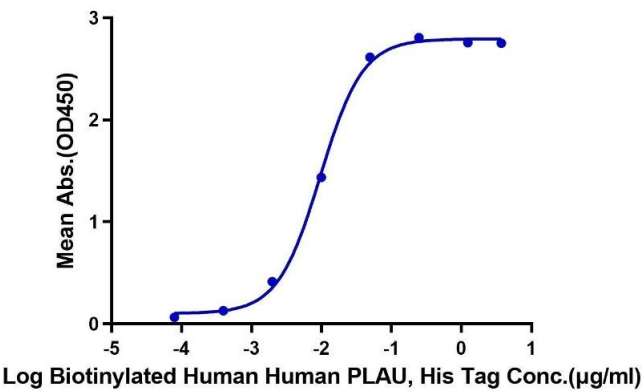
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant 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



SDS-PAGE

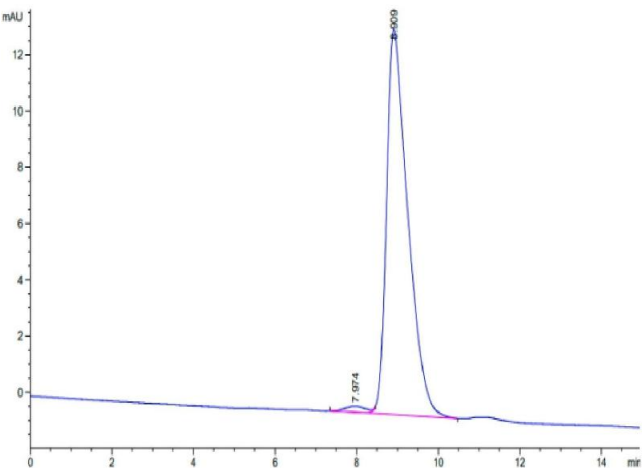
Image 1. Human uPAR on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

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



ELISA

Image 2. Immobilized Human uPAR, His Tag at 1 µg/mL (100 µL/well) on the plate. Dose response curve for Biotinylated Human Human PLAU, His Tag with the EC50 of 9.6 ng/mL determined by ELISA.



Size-exclusion chromatography-High Pressure Liquid Chromatography

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