

Datasheet for ABIN7275409

PLAUR Protein (AA 24-298) (His-Avi Tag)**3** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	PLAUR
Protein Characteristics:	AA 24-298
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLAUR protein is labelled with His-Avi Tag.

Product Details

Purpose:	Mouse uPAR/PLAUR isoform 1 Protein
Sequence:	Leu24-Gly298
Characteristics:	Recombinant Mouse uPAR/PLAUR isoform 1 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus. It contains Leu24-Gly298.
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:	The affinity constant of 5.87 nM as determined in SPR assay (Biacore T200). See testing image for detail.

Target Details

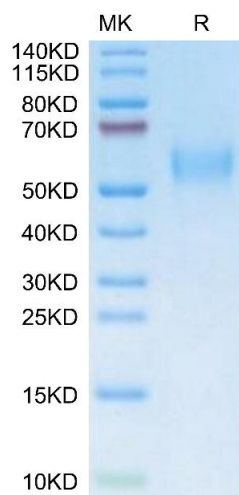
Target:	PLAUR
Alternative Name:	uPAR (PLAUR Products)
Background:	The receptor (u-PAR) for urokinase plasminogen activator (u-PA) is a three-domain protein, GPI-anchored to the cell surface, which focuses the enzymatic activity of u-PA, and allows the cell surface activation of plasminogen. Regulation of the activity of u-PA is also mediated by u-PAR.
Molecular Weight:	32.92 kDa. Due to glycosylation, the protein migrates to 50-65 kDa based on Tris-Bis PAGE result.
Pathways:	Inositol Metabolic Process

Application Details

Restrictions:	For Research Use only
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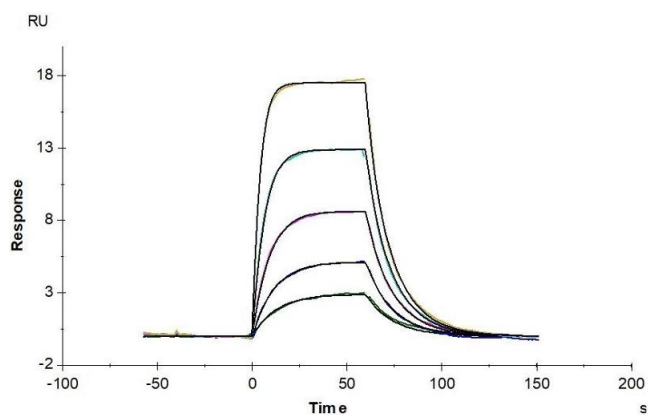
Handling

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



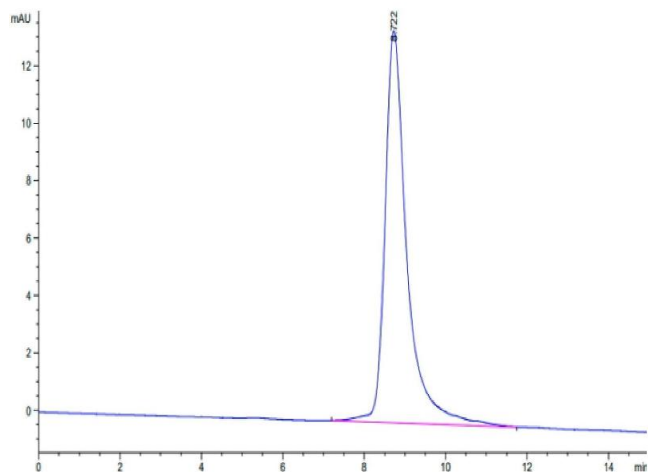
SDS-PAGE

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



Surface Plasmon Resonance

Image 2. Mouse uPAR isoform 1, His Tag immobilized on CM5 Chip can bind Human PLAU, His Tag with an affinity constant of 5.87 nM as determined in SPR assay (Biacore T200).



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 3. The purity of Mouse uPAR isoform 1 is greater than 95 % as determined by SEC-HPLC.