

# Biotinylated Mouse uPAR/PLAUR Protein

Cat. No. PAR-MM401B

## Description

<b>Source</b>	Recombinant Biotinylated Mouse uPAR/PLAUR Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus. It contains Leu24-Gly298.
<b>Accession</b>	P35456-1
<b>Molecular Weight</b>	The protein has a predicted MW of 32.92 kDa. Due to glycosylation, the protein migrates to 55-65 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

## Formulation and Storage

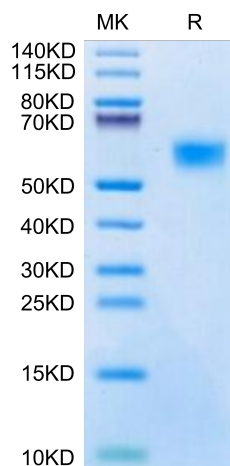
<b>Formulation</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
<b>Reconstitution</b>	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Storage</b>	-20 to -80°C for 12 months as supplied from date of receipt. -20 to -80°C for 3-6 months in unopened state 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.

## 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.

## Assay Data

### Tris-Bis PAGE



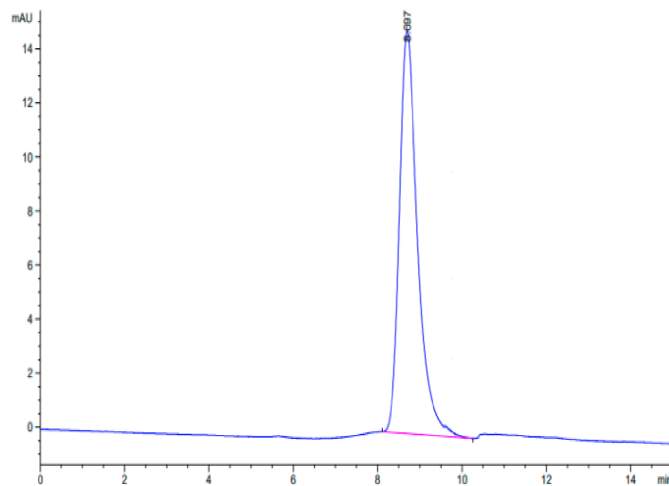
Biotinylated Mouse uPAR on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

### SEC-HPLC

# Biotinylated Mouse uPAR/PLAUR Protein

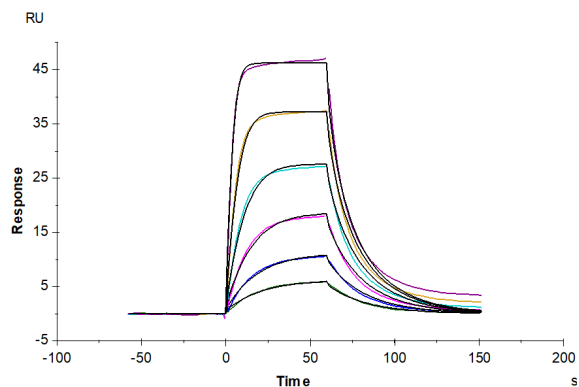
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## Assay Data



The purity of Biotinylated Mouse uPAR is greater than 95% as determined by SEC-HPLC.

## SPR Data



Biotinylated Mouse uPAR, His Tag immobilized on CM5 Chip can bind Human PLAU, His Tag with an affinity constant of 6.35 nM as determined in SPR assay (Biacore T200).