

# Biotinylated Mouse uPAR/PLAUR Domain (2+3) Protein

Cat. No. PAR-MM1D2B

## Description

<b>Source</b>	Recombinant Biotinylated Mouse uPAR/PLAUR Domain (2+3) Protein is expressed from HEK293 with His tag and Avi tag at the C-terminus. It contains Leu117-Gly298.
<b>Accession</b>	P35456-1
<b>Molecular Weight</b>	The protein has a predicted MW of 22.37 kDa. Due to glycosylation, the protein migrates to 40-60 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

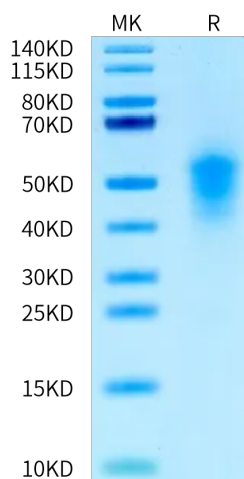
<b>Formulation</b>	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
<b>Reconstitution</b>	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein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

## 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.

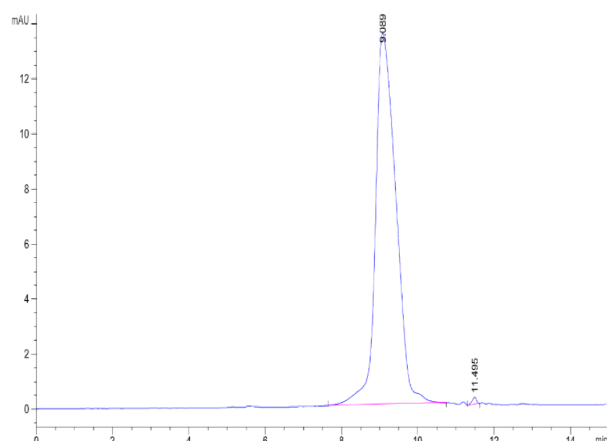
## Assay Data

### Tris-Bis PAGE



Biotinylated Mouse uPAR Domain (2+3) on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

### SEC-HPLC



The purity of Biotinylated Mouse uPAR Domain (2+3) is greater than 95% as determined by SEC-HPLC.