

Biotinylated Mouse uPAR/PLAUR Protein



Cat. No. PAR-MM401B

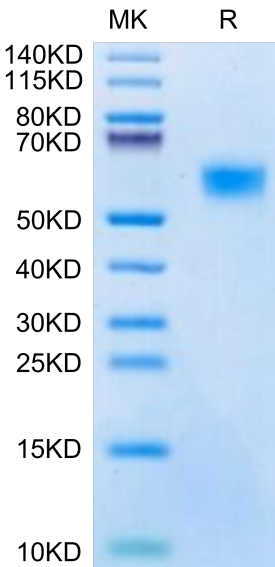
Description	
Source	Recombinant Biotinylated Mouse uPAR/PLAUR Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus. It contains Leu24-Gly298.
Accession	P35456-1
Molecular Weight	The protein has a predicted MW of 32.92 kDa. Due to glycosylation, the protein migrates to 55-65 kDa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

Formulation and Storage	
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3 months 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

Bis-Tris PAGE



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

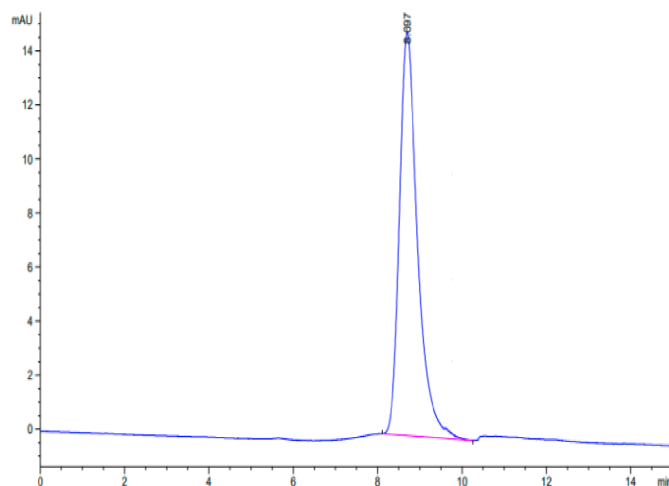
SEC-HPLC

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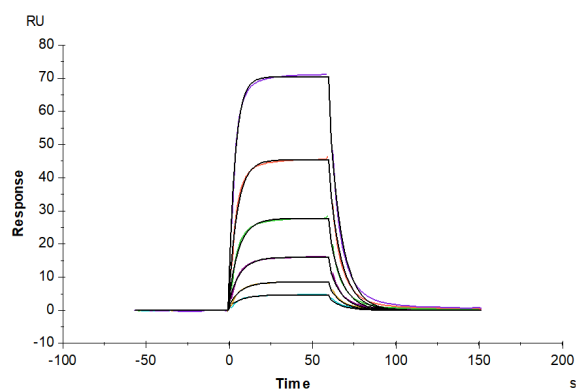


Assay Data



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

SPR Data



Human PLAUR, His Tag immobilized on CM5 Chip can bind Biotinylated Mouse uPAR, His Tag with an affinity constant of 418.50 nM as determined in SPR assay (Biacore T200).