Mouse uPAR/PLAUR Protein

Cat. No. PAR-MM401

Description

Source	Recombinant 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 50-65 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
	> 95% as determined by HPLC

Formulation and Storage

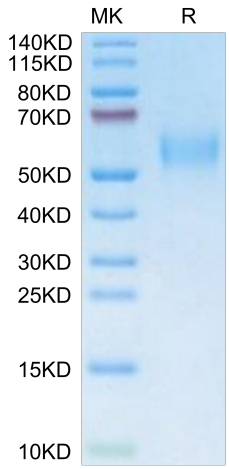
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled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

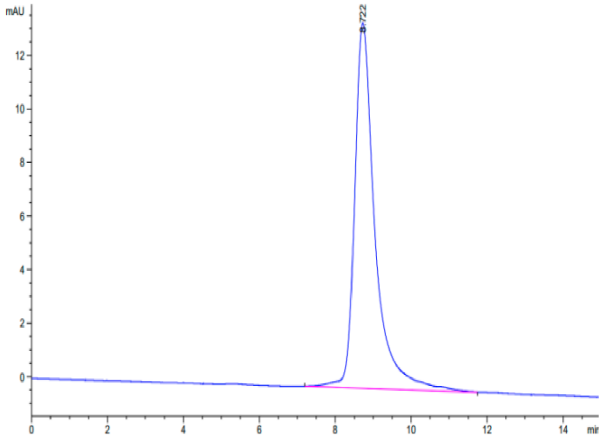
Assay Data

Bis-Tris PAGE



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

SEC-HPLC



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

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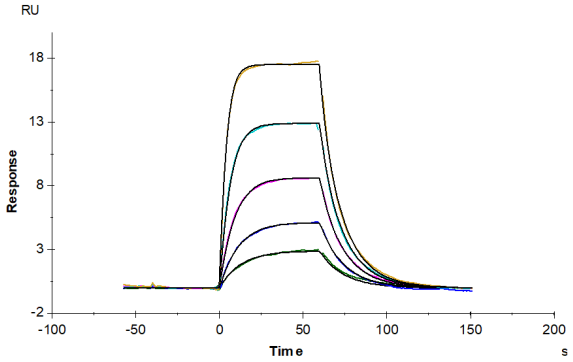
Assay Data

SPR Data



Mouse uPAR, 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).