Human uPAR/PLAUR Protein

Cat. No. PAR-HM401

Description

Source	Recombinant Human uPAR/PLAUR Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus.
	It contains Leu23-Gly305.
Accession	Q03405-1
Molecular Weight	The protein has a predicted MW of 34.36 kDa. Due to glycosylation, the protein migrates to 50-60 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

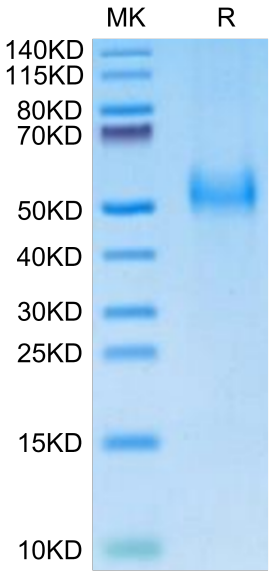
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled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

Bis-Tris PAGE



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

SEC-HPLC

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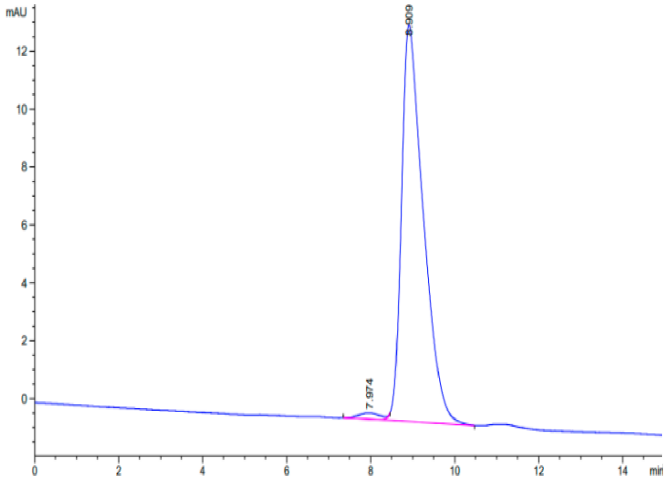
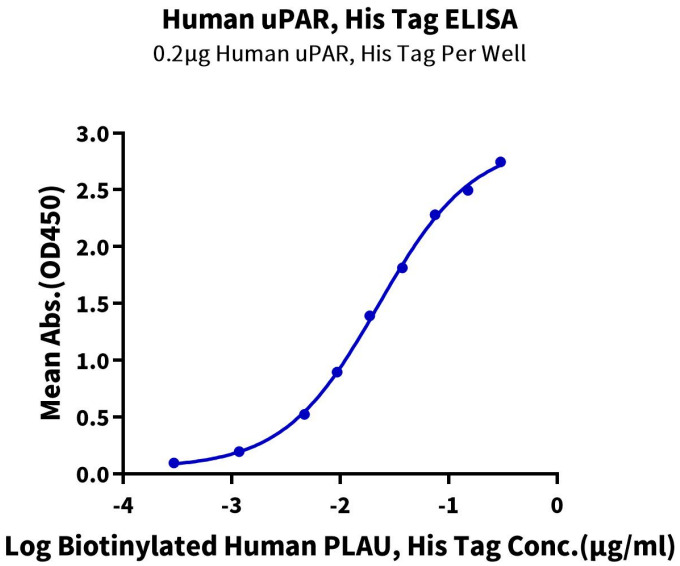
Assay Data



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

ELISA Data



Immobilized Human uPAR, His Tag at 2μg/ml (100μl/well) on the plate. Dose response curve for Biotinylated Human Human PLAU, His Tag with the EC50 of 22.5ng/ml determined by ELISA.