

Mouse uPAR/PLAUR Protein

Cat. No. PAR-MM101

Description

Source	Recombinant Mouse uPAR/PLAUR Protein is expressed from HEK293 with His tag at the C-terminus. It contains Leu24-Gly298.
Accession	P35456-1
Molecular Weight	The protein has a predicted MW of 31.62 kDa. Due to glycosylation, the protein migrates to 54-67 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.1 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage

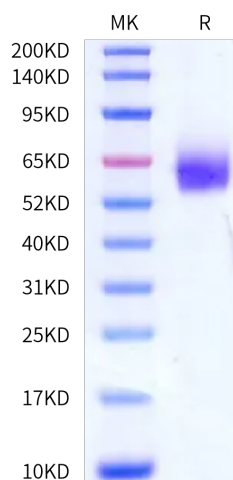
Formulation	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for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

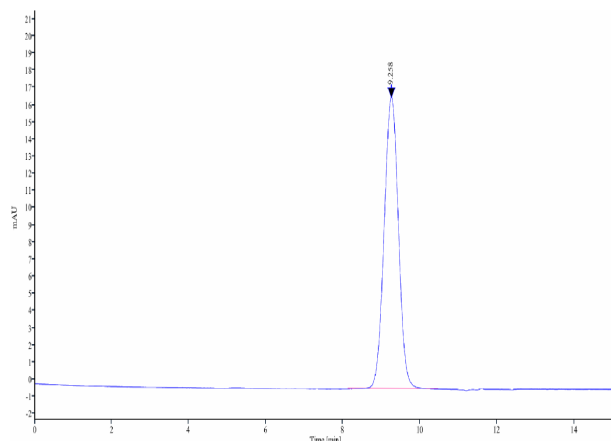
Assay Data

Bis-Tris PAGE



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.