

# Human uPAR/PLAUR Domain (2+3) Protein

Cat. No. PAR-HM1D4

## Description

|                         |   |
|-------------------------|---|
| <b>Source</b>           | Recombinant Human uPAR/PLAUR Domain (2+3) Protein is expressed from Expi293 with His tag at the C-terminal.<br>It contains Leu115-Gly305. |
| <b>Accession</b>        | Q03405-1  |
| <b>Molecular Weight</b> | The protein has a predicted MW of 22.16 kDa. Due to glycosylation, the protein migrates to 33-45 kDa based on Tris-Bis PAGE result.       |
| <b>Endotoxin</b>        | Less than 1EU per $\mu\text{g}$ by the LAL method.  |
| <b>Purity</b>           | > 95% as determined by Tris-Bis PAGE<br>> 95% as determined by HPLC   |

## Formulation and Storage

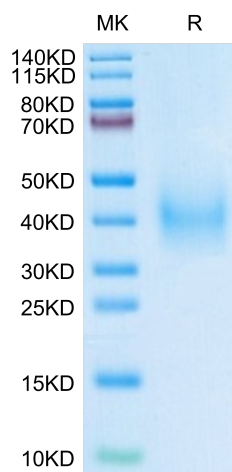
|                    |   |
|--------------------|---|
| <b>Formulation</b> | Supplied as 0.22 $\mu\text{m}$ filtered solution in PBS (pH 7.4). Please dilute to the desired concentration according to the concentration of the solution shown on the product label. |
| <b>Storage</b>     | Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated 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.

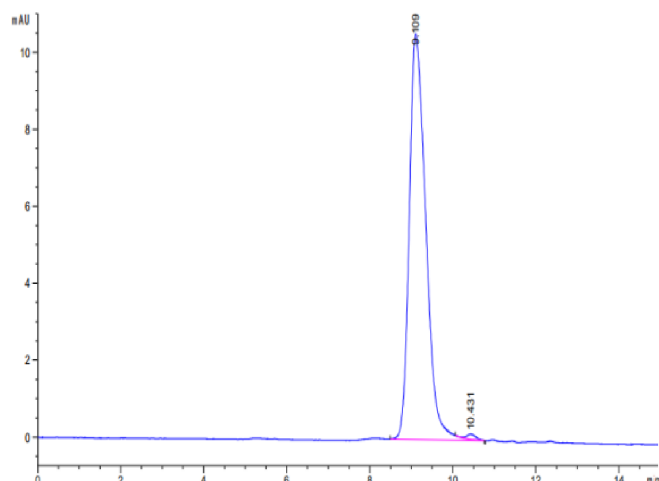
## Assay Data

### Tris-Bis PAGE



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

### SEC-HPLC



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