

Datasheet for ABIN7275403

PLAUR Protein (AA 23-114) (His tag)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	PLAUR
Protein Characteristics:	AA 23-114
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLAUR protein is labelled with His tag.

Product Details

Purpose:	Human uPAR/PLAUR Domain 1 Protein
Sequence:	Leu23-Tyr114
Characteristics:	Recombinant Human uPAR/PLAUR Domain 1 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Leu23-Tyr114.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	PLAUR
Alternative Name:	uPAR (PLAUR Products)

Target Details

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.
Molecular Weight:	11.50 kDa. Due to glycosylation, the protein migrates to 17-25 kDa based on Tris-Bis PAGE result.
Pathways:	Inositol Metabolic Process

Application Details

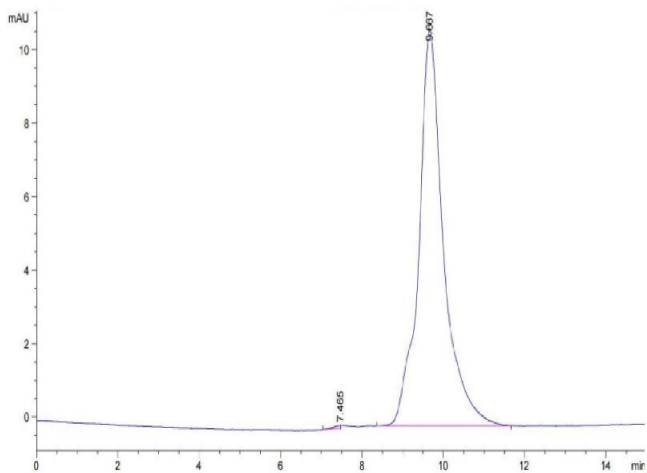
Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-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.
Expiry Date:	12 months

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 1. The purity of Human uPAR Domain 1 is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

Image 2. Human uPAR Domain 1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

