

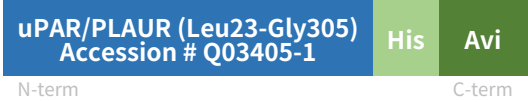
Rev02  
 Update: Aug,08,2025

**DATASHEET**

# uPAR/PLAUR[Biotin], His & Avi, Human

Cat. No.: Z04641

## Product Introduction

<b>Species</b>	Human
<b>Protein Construction</b>	 <p>uPAR/PLAUR (Leu23-Gly305)        Accession # Q03405-1</p> <p>N-term His Avi C-term</p>
<b>Conjugate</b>	Biotin
<b>Purity</b>	<p>&gt; 95% as determined by BisTris PAGE</p> <p>&gt; 95% as determined by HPLC</p>
<b>Endotoxin Level</b>	Less than 1EU per µg by the LAL method.
<b>Biological Activity</b>	Measured by its binding ability in a functional ELISA. Immobilized Human PLAUR, His Tag at 2µg/ml (100µl/well) on the plate can bind uPAR/PLAUR[Biotin], His & Avi, Human. Test result was comparable to standard batch.
<b>Expression System</b>	HEK293
<b>Theoretical Molecular Weight</b>	34.36 kDa
<b>Apparent Molecular Weight</b>	Due to glycosylation, the protein migrates to 50-65 kDa based on Bis-Tris PAGE result.
<b>Formulation</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
<b>Reconstitution</b>	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Storage &amp; Stability</b>	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

## Background

**Target 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.

**Synonyms :** U-PAR; uPAR; CD87; PLAUR; MO3; UPAR

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Confidential and Privileged



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