

Rev02
 Update: Aug,08,2025

DATASHEET

uPAR/PLAUR, His, Cynomolgus

Cat. No.: Z04940

Product Introduction

Species	Cynomolgus
Protein Construction	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="background-color: #0056b3; color: white; padding: 5px; text-align: center;"> uPAR/PLAUR (Leu23-Gly305) Accession # Q9GK78 </div> <div style="background-color: #76b82a; color: white; padding: 5px; text-align: center;"> His </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> N-term C-term </div>
Purity	> 95% as determined by BisTris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per µg by the LAL method.
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized uPAR/PLAUR, His, Cynomolgus at 2µg/ml (100µl/well) on the plate can bind Biotinylated Human PLAUR, His Tag. Test result was comparable to standard batch.
Expression System	HEK293
Theoretical Molecular Weight	32.69 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 60-70 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
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 & Stability	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

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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