

uPAR/PLAUR Protein, Human, Recombinant (aa 23-305, His)

## General Information

Synonyms: UPAR; plasminogen activator, urokinase receptor; CD87; URKR; U-PAR  
Protein Construction: Leu23-Gly305  
Species: Human  
Expression Host: HEK293 Cells  
Accession: Q03405-1  
Molecular Weight: 33.07 kDa (Predicted); 50-65 kDa (Due to glycosylation)

## QC Testing

Biological Activity: Immobilized Human uPAR, His Tag at 2 µg/ml (100 µl/well) on the plate. Dose response curve for Biotinylated Human PLAUR, His-Avi Tag with the EC50 of 15.3 ng/ml determined by ELISA. (QC Test)  
Purity: > 95% as determined by Bis-Tris PAGE;  
> 95% as determined by HPLC  
Endotoxin: < 0.1 EU/µg of the protein as determined by the LAL method.  
Formulation: Supplied as 0.22 µm filtered solution in PBS (pH 7.4).

## Preparation and Storage

### Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

### Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

## Protein 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.

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