

## uPAR Protein, Mouse (HEK293, His-Avi)

Cat. No.:	HY-P700849
Synonyms:	U-PAR; uPAR; CD87; PLAUR; MO3; UPAR
Species:	Mouse
Source:	HEK293
Accession:	P35456-1 (L24-G298)
Gene ID:	/
Molecular Weight:	50-65 kDa

### PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 $\mu$ m filtered solution of PBS, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/ $\mu$ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/mL in ddH <sub>2</sub> O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	The uPAR protein functions as a receptor for urokinase plasminogen activator and plays a crucial role in localizing and facilitating the formation of plasmin. Additionally, it mediates signal transduction activation effects of U-PA independently of proteolysis. It is predominantly found as a monomer and interacts with SRPX2 through its UPAR/Ly6 domains. uPAR also interacts with MRC2 and SORL1, with the latter interaction reducing PLAUR internalization. Moreover, the ternary complex consisting of PLAUR-PLAU-SERPINE1 also interacts with SORL1.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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