

# Recombinant Human Plasminogen Activator, Urokinase Receptor

Cat. No. PLAUR-412H Lot. No. (See product label)

## SPECIFICATION

<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Description</b>	Urokinase-type plasminogen activator receptor (uPAR) is a glycolipid-anchored three-domain membrane protein playing a central role in pericellular plasminogen activation. It is also involved in many physiological and pathological events that include cell migration and tissue invasion. uPAR may play a critical role in cancer invasion and metastasis.
<b>Molecular Weight</b>	The predicted molecular weight of Recombinant Human uPAR is 31 kDa. However, the actual molecular weight as observed by migration on SDS Page is 40-55 kDa.
<b>State Of Matter</b>	Lyophilized.
<b>Purity</b>	>95% by SDS Page and analyzed by silver stain.
<b>Endotoxin</b>	<1.0 EU/g as determined by the LAL method.
<b>Storage</b>	This lyophilized protein is stable for six to twelve months when stored desiccated at -20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to 8°C for one month or at -20°C to -70°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles. See Product Insert for exact lot specific storage

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instructions.

## GENE INFORMATION

<b>Gene Name</b>	PLAUR plasminogen activator, urokinase receptor [ Homo sapiens ]
<b>Synonyms</b>	PLAUR; plasminogen activator, urokinase receptor; CD87; UPAR; URKR; Urokinase plasminogen activator surface receptor; uPAR; U-PAR; Monocyte activation antigen Mo3; MO3
<b>Gene ID</b>	5329
<b>mRNA Refseq</b>	NM_001005376
<b>Protein Refseq</b>	NP_001005376
<b>MIM</b>	173391
<b>UniProt ID</b>	Q03405
<b>Chromosome Location</b>	19q13
<b>Pathway</b>	Complement and coagulation cascades; Hemostasis; Metabolism of proteins
<b>Function</b>	U-plasminogen activator receptor activity; enzyme binding

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