Recombinant Human Plasminogen Activator, Urokinase Receptor

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

SPECIFICATION

Product Overview	
Species	Human
Source	Mammalian Cells
Description	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.
Molecular Weight	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.
State Of Matter	Lyophilized.
Purity	>95% by SDS Page and analyzed by silver stain.
Endotoxin	<1.0 EU/μg as determined by the LAL method.
Storage	This lyophilized protein is stable for six to twelve months when stored desiccated at -20℃ to -70℃. After aseptic reconstitution, this protein may be stored at 2℃ to 8℃ for one month or at -20℃ to -70℃ in a manual defrost freezer. Avoid

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	Repeated Freeze Thaw Cycles. See Product Insert for exact lot specific storage instructions.

GENE INFORMATION

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

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