

Recombinant Mouse Plasminogen Activator, Urokinase Receptor, His-tagged

Cat. No. Plaur-1299M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mousePlaur was expressed in insect cells.
Species	Mouse
Source	Insect Cells
Description	Plaur isrequired for the recruitment of neutrophils in response toinfection. uPA induces its own expression in lungepithelial cells, which involves its interaction with cell surface Plaur.Regulation ofPlaurexpression is therefore crucial for uPA-mediated signaling in infectiousacute lunginjury(ALI). Contains a 6X-Histidine tag at N terminus for purification.
Form	Frozen Liquid in 0.1M Tris-HCl pH 7.0 + 0.15 M NaCl.
Volume	0.05 mL
Concentration	2.0 mg/mL
Biological Activity	Demonstratespreferential binding to Mouse uPA over Human uPA coated on an ELISA plate.
Storage	Store at -70°C. Avoidrepeated freeze-thaw cycles.
OfficialSymbol	Plaur

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GENE INFORMATION

Gene Name	Plaur plasminogen activator,urokinase receptor [Mus musculus]
Synonyms	Plaur; plasminogenactivator, urokinase receptor; Cd87; uPAR; u-PAR; urokinase plasminogenactivator surface receptor; urokinase plasminogen activator receptor; urokinase-typeplasminogen activator receptor
Gene ID	18793
mRNA Refseq	NM_011113
Protein Refseq	NP_035243
UniProt ID	P35456
Chromosome Location	7 A3
Pathway	Attachment of GPIanchor to uPAR; Complement and Coagulation Cascades; Complement andcoagulation cascades; Complement and coagulation cascades; Dissolution ofFibrin Clot; Hemostasis; Metabolism of proteins; Post-translationalmodification: synthesis of GPI-anchored proteins; Post-translational proteinmodification
Function	U-plasminogenactivator receptor activity; enzyme binding; kinase activity; proteinbinding; receptor activity
Rendering based onPDB 1YWH.	

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