

# Recombinant Mouse Plasminogen Activator, Urokinase Receptor, His-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant mousePlaur was expressed in insect cells.
<b>Species</b>	Mouse
<b>Source</b>	Insect Cells
<b>Description</b>	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.
<b>Form</b>	Frozen Liquid in 0.1M Tris-HCl pH 7.0 + 0.15 M NaCl.
<b>Volume</b>	0.05 mL
<b>Concentration</b>	2.0 mg/mL
<b>Biological Activity</b>	Demonstratespreferential binding to Mouse uPA over Human uPA coated on an ELISA plate.
<b>Storage</b>	Store at -70°C. Avoidrepeated freeze-thaw cycles.
<b>OfficialSymbol</b>	Plaur

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## GENE INFORMATION

<b>Gene Name</b>	Plaur plasminogen activator,urokinase receptor [ <i>Mus musculus</i> ]
<b>Synonyms</b>	Plaur; plasminogenactivator, urokinase receptor; Cd87; uPAR; u-PAR; urokinase plasminogenactivator surface receptor; urokinase plasminogen activator receptor; urokinase-typeplasminogen activator receptor
<b>Gene ID</b>	18793
<b>mRNA Refseq</b>	NM_011113
<b>Protein Refseq</b>	NP_035243
<b>UniProt ID</b>	P35456
<b>Chromosome Location</b>	7 A3
<b>Pathway</b>	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
<b>Function</b>	U-plasminogenactivator receptor activity; enzyme binding; kinase activity; proteinbinding; receptor activity
<b>Rendering based onPDB 1YWH.</b>	

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