Active Recombinant Mouse Plaur protein(Met1-Thr297), His-tagged

Cat. No. Plaur-2304M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse PLAUR (NP_035243.1) precursor (Met 1-Thr 297) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Thr297
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to bind with uPA-His in a functional ELISA.
Molecular Mass	The recombinant mouse PLAUR comprises 285 amino acids and has a predicted molecular mass of 31.4 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmPLAUR is approximately 50-60 kDa due to glycosylation.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 97 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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	be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Plaur plasminogen activator, urokinase receptor [Mus musculus]
Official Symbol	Plaur
Synonyms	PLAUR; plasminogen activator, urokinase receptor; urokinase plasminogen activator surface receptor; urokinase plasminogen activator receptor; urokinase-type plasminogen activator receptor; Cd87; uPAR; u-PAR;
Gene ID	18793
mRNA Refseq	NM_011113
Protein Refseq	NP_035243

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