

Active Recombinant Mouse Plaur protein, His&hFc-tagged

Cat. No. Plaur-831M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Plaur protein(NP_035243.1)(Met1-Thr297), fused with His and hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Thr297
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human uPA at 5 µg/ml (100 µl/well) can bind mouse PLAUR with a linear range of 1.6-40 ng/ml.
Molecular Mass	The recombinant mouse PLAUR/Fc is a disulfide-linked homodimer after removal of the signal peptide. The reduced monomer consists of 522 amino acids and has a predicted molecular mass of 58 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmPLAUR/Fc monomer is approximately 80-90 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

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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 be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
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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.
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GENE INFORMATION

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