

## Active Recombinant Mouse Plaur protein, His&hFc-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Plaur protein(NP_035243.1)(Met1-Thr297), fused with His and hFc tag, was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Thr297
<b>Form</b>	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.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 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.

**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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