

Recombinant Mouse Plau Protein, Gly21-Phe433, C-His-Avi tagged, Biotinylated

Cat. No. Plau-268M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant mouse PLAU/uPA-C-His-Avi protein was developed from HEK293 and has a target region of C-His-Avi.
Species	Mouse
Source	HEK293
ProteinLength	Gly21-Phe433
Description	<p>Predicted to enable serine-type endopeptidase activity. Acts upstream of or within several processes, including fibrinolysis; response to hypoxia; and smooth muscle cell migration. Predicted to be located in cell surface and membrane. Predicted to be active in extracellular space. Is expressed in several structures, including alimentary system; cardiovascular system; genitourinary system; integumental system; and trophectoderm. Used to study Alzheimer's disease; fatty liver disease; and hepatocellular carcinoma. Human ortholog(s) of this gene implicated in several diseases, including Alzheimer's disease (multiple); Quebec platelet disorder; end stage renal disease; lung disease (multiple); and mitral valve prolapse. Orthologous to human PLAU (plasminogen activator, urokinase).</p>
Conjugation/Label	Biotin
Form	Lyophilised

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Endotoxin	Endotoxin level was found to be less than 0.1 ng/μg (1 EU/μg).
Notes	FOR RESEARCH USE ONLY (RUO).
Storage	The lyophilized protein is stable for at least 1 year from date of receipt at -20 centigrade.
Storage Buffer	Lyophilised from 0.2 μm filtered PBS solution pH 7.4. Upon receipt centrifuge vial to ensure maximal product extraction, recommended: 20 sec, 5K RPM
Conjugation	Biotin

GENE INFORMATION

Gene Name	Plau plasminogen activator, urokinase [<i>Mus musculus</i>]
Official Symbol	Plau
Synonyms	PLAU; plasminogen activator, urokinase; urokinase-type plasminogen activator; U-plasminogen activator; uPA; u-PA;
Gene ID	18792
mRNA Refseq	NM_008873
Protein Refseq	NP_032899
UniProt ID	P06869
Biotinylated Mouse	PLAU on Tris-Bis

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PAGE under reduced condition. The purity is greater than 95%.

The purity of **Biotinylated Mouse PLAU** is greater than 95% as determined by **SEC-HPLC**.

Mouse uPAR isoform 1, His Tag immobilized on **CM5** Chip can bind **Biotinylated Mouse PLAU, His-Avi Tag** with an affinity constant of **0.19 μ m** as determined in **SPR assay**.

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