

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	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).
Conjugation/Label	Biotin
Form	Lyophilised

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 $0.19 \mu\text{m}$ as determined in SPR assay.

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