

Recombinant Mouse Plau Protein (Gly21-Lys157), C-His tagged

Cat. No. Plau-6774M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Plau (Gly21-Lys157) fused with the C-His tag was expressed in Yeast.
Species	Mouse
Source	Yeast
ProteinLength	Gly21-Lys157
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).
Form	Lyophilized powder/frozen liquid
Molecular Mass	16.27 kDa

 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

Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	Plau plasminogen activator, urokinase [<i>Mus musculus</i> (house mouse)]
Official Symbol	Plau
Synonyms	Plau; plasminogen activator, urokinase; uPA; u-PA; urokinase-type plasminogen activator; U-plasminogen activator; EC 3.4.21.73
Gene ID	18792
mRNA Refseq	NM_008873
Protein Refseq	NP_032899
UniProt ID	P06869

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