

Product datasheet for **TP508868**

Plat (NM_008872) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse plasminogen activator, tissue (Plat), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208868 protein sequence Red =Cloning site Green =Tags(s)
	<p>MKRELLCVLLLGLAFPLPDQGIHGRFRRGARSYRATCRDEPTQTTYQQHQSWLRPMLRSSRVEYCR CNS GLVQCHSVPVRSCEPRCFNGGTCQQALYFSDFVCQCPDGFVKGKRCIDTRATCFEEQGITYRGTWSTAE SGAECINWNSSVLSLKYPYNARRPNAIKLGLGNHNYCRNPDRDLKPWCYVFKAGKYTTEFCSTPACPKGKS EDCVYVGGVTYRGTSLTTSQASCLPWNSIVLMGKSYAWRTNSQALGLGRHNYCRNPDGDARPWCHVMK DRKLTWEYCDMSPCSTCGLRQYKRPQFRIKGGLYTDITSHPWQAPIFVKNKRSPGERFLCGGLISSCWV LSAAHCFLERFPPNHLKVVLGRTYRVVPGEEEQTFEIEKYIVHEEFDDDDTYDNDIALQLRSQSKQCAQE SSSVGTACLDPNLQLPDWTECELSGYGKHEASSPFFSDRLKEAHVRLYPSSRCTSQHFLFNKVTNNMLC AGDTRSGGNQDLHDACQGDSSGGLVCMINKQMTLTGIISWGLGCGQKDVPGVYTKVTNYLDWIHDNMKQ</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	63.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_032898



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Locus ID: 18791

UniProt ID: [P11214](#)

RefSeq Size: 2548

Cytogenetics: 8 11.42 cM

RefSeq ORF: 1680

Synonyms: AU020998; AW212668; D8Ert2; D8Ert2e; t; t-; tPA

Summary: This gene encodes a key enzyme of the fibrinolytic pathway. The encoded protein undergoes proteolytic processing by plasmin to generate a heterodimeric serine protease that cleaves the proenzyme plasminogen to produce plasmin, a protease that is required to break down fibrin clots. Additionally, the encoded protein is involved in other biological processes such as synaptic plasticity, cell migration and tissue remodeling. Mice lacking the encoded protein display a reduction in long-term potentiation in hippocampus and conversely, transgenic mice overexpressing the encoded protein have increased and prolonged long-term potentiation. [provided by RefSeq, Jul 2015]