

Recombinant Mouse PLAT Protein, Fc-tagged

Cat. No. PLAT-926M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant mouse PLAT (P11214) (Ile309-Gln559) was expressed with the fused Fc region of human IgG1 at the N-terminus.
Species	Mouse
Source	HEK293
Protein Length	309-559 a.a.
Predicted N Terminal	Glu
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant mouse PLAT/Fc comprises 511 amino acids and has a predicted molecular mass of 56.4 kDa. The apparent molecular mass of the protein is approximately 57 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>80 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Plat plasminogen activator, tissue \[Mus musculus \]](#)

Official Symbol [PLAT](#)

Synonyms [PLAT](#); plasminogen activator, tissue; tissue-type plasminogen activator; t-plasminogen activator; tPA; AU020998; AW212668; D8Ertd2e; MGC18508;

Gene ID [18791](#)

mRNA Refseq [NM_008872](#)

Protein Refseq [NP_032898](#)

MIM

UniProt ID

Pathway [Blood Clotting Cascade, organism-specific biosystem](#); [Complement and Coagulation Cascades, organism-specific biosystem](#); [Complement and coagulation cascades, organism-specific biosystem](#); [Complement and coagulation cascades, conserved biosystem](#); [Dissolution](#)

Function [catalytic activity](#); [hydrolase activity](#); [peptidase activity](#); [serine-type endopeptidase activity](#); [serine-type endopeptidase activity](#); [serine-type peptidase activity](#);

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