

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
ProteinLength	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; D8Ert2e; 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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