

Recombinant Human PLAT protein, His&Myc-tagged

Cat. No. PLAT-4474H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human PLAT protein(P00750)(36-562aa(R497Q)), fused to N-terminal His tag and C-terminal Myc tag, was expressed in Insect cell.

Species Human

Source Insect Cells

ProteinLength 36-562aa(R497Q)

Form If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

Molecular Mass 62.9 kDa

AA Sequence

SYQVICRDEKTQMIYQQHQSWLRPVLRSNRVEYCWCNSGRAQCHSVPVKSCSEPR
 CFNGGTCQQALYFSDFCQCPEGFAGKCCCEIDTRATCYEDQGISYRGTWSTAESG
 AECTNWNSSALAQKPYSGRRPDAIRLGLGNHNYCRNPDRDSKPWCYVFKAGKYSS
 EFCSTPACSEGNSDCYFGNGSAYRGTHSLTESGASCLPWNSMILIGKVYTAQNPSA
 QALGLGKHNYCRNPDGDAKPWCHVLKNRRLTWEYCDVPSCSTCGLRQYSQPQFRI
 KGGLFADIASHPWQAAIFAKHRRSPGERFLCGGILISSCWILSAAHCFQERFPPHHLT
 VILGRTYRVVPGEEEEQKFEVEKYIVHKEFDDDDTYDNDIALQLKSDSSRCAQESSVV
 RTVCLPPADLQLPDWTECELSGYGKHEALSPFYSERLKEAHVRLYPSSRCTSQHLL
 NRTVTDNMLCAGDTQSGGPQANLHDACQGDSGGPLVCLNDGRMTLVGIISWGLGC
 GQKDVPGVYTKVTNYLDWIRDNMRP

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Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

GENE INFORMATION

Gene Name	PLAT plasminogen activator, tissue [Homo sapiens]
Official Symbol	PLAT
Synonyms	PLAT; plasminogen activator, tissue; tissue-type plasminogen activator; alteplase; reteplase; t-plasminogen activator; plasminogen activator, tissue type; tissue plasminogen activator (t-PA); TPA; T-PA; DKFZp686l03148;
Gene ID	5327
mRNA Refseq	NM_000930
Protein Refseq	NP_000921
MIM	173370
UniProt ID	P00750

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