

Recombinant Human PLAT protein, His-SUMO-tagged

Cat. No. PLAT-3346H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLAT protein(P00750)(36-556aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	36-556aa
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	74.3 kDa
AA Sequence	SYQVICRDEKTQMIYQQHQSWLRPVLRSNRVEYCWNSGRAQCHSVPVKSCSEPR CFNGGTCQQALYFSDVCQCPEGFAGKCCEIDTRATCYEDQGISYRGTWSTAESG AECTNWNSSALAQKPYSGRRPDAIRLGLGNHNYCRNPDRDSKPWCYVFKAGKYSS EFCSTPACSEGNSDCYFGNGSAYRGTHSLTESGASCLPWNSMILIGKVYTAQNPSA QALGLGKHNYCRNPDGDAKPWCHVLKNRRLTWEYCDVPSCSTCGLRQYSQPQFRI KGGLFADIASHPWQAAIFAKHRRSPGERFLCGGILISSCWILSAAHCFQERFPPHHLT VILGRTYRVVPGEEEQKFEVEKYIVHKEFDDDDTYDNDIALQLKSDSSRCAQESSVV RTVCLPPADLQLPDWTECELSGYGKHEALSPFYSERLKEAHVRLYPSSRCTSQHLL NRTVTDNMLCAGDTRSGGPQANLHDACQGDSSGPLVCLNDGRMTLVGIISWGLGC

 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

GQKDVPGVYTKVTNYLDWI

Purity Greater than 90% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please 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. Our default final concentration of glycerol is 50%.

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; DKFZp686I03148;

Gene ID [5327](#)

mRNA Refseq [NM_000930](#)

Protein Refseq [NP_000921](#)

MIM [173370](#)

UniProt ID [P00750](#)

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