

Recombinant Human PLAT Protein

Catalog #	Source	Reactivity	Applications
CRP2115	Human cells	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human PLAT Protein is produced by our mammalian expression system and the target gene encoding Ser36-Pro562 is expressed with a 6His tag at the C-terminus.
Form	Lyophilized from a 0.2 μ M filtered solution of 20mM MES, 150mM NaCl, 0.2mM GaCl ₂ , pH 5.5.
Gene Symbol	PLAT
Alternative Names	Tissue-type plasminogen activator; t-PA; t-plasminogen activator; tPA; Alteplase; Reteplase
Entrez Gene	5327 (Human)
SwissProt	P00750 (Human)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	SYQVICRDEK TQMIYQQHQS WLRPVLRSNR VEYCWCNSGR AQCHSVPVKS CSEPRCFNGG TCQQALYFSD FVCQCPEGFA GKCCEIDTRA TCYEDQGISY RGTWSTAESG AECTNWNSSA LAQKPYSGR R PDAIRLGLGN HNYCRNPDRD SKPWCYVFKA GKYSSEFCST PACSEGNSDC YFGNGSAYRG THSLTESGAS CLPWNSMILI GKVYTAQNPS AQALGLGKHN YCRNPDGDAK PWCHVLKNRR LTWEYCDVPS CSTCGLRQYS QPQFRIKGGL FADIASHPWQ AAIFAKHRRS PGERFLCGGI LISSCWILSA AHCFQERFPP HHLTVILGRT YRVVPGEEEQ KFEVEKYIVH KEFDDDTYDN DIALLQLKSD SSRCAQESSV VRTVCLPPAD LQLPDWTECE LSGYGKHEAL SPFYSERLKE AHVRLYPSSR CTSQHLLNRT VTDNMLCAGD TRSGGPQANL HDACQGDSGG PLVCLNDGRM TLVGIISWGL GCGQKDVP GV YTKVTNYLDW IRDNMRPVDH HHHHH
Quality Control	Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

Directions for Use Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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