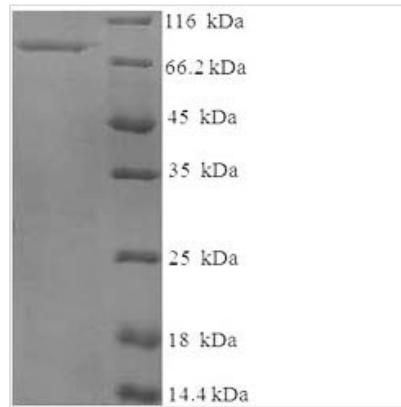




Recombinant Human Tissue-type plasminogen activator(PLAT),partial

Product Code	CSB-EP018120HU
Relevance	Converts the abundant, but inactive, zymogen plasminogen to plasmin by hydrolyzing a single Arg-Val bond in plasminogen. By controlling plasmin-mediated proteolysis, it plays an important role in tissue remodeling and degradation, in cell migration and many other physiopathological events. Plays a direct role in facilitating neuronal migration.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P00750
Storage Buffer	Tris-based buffer,50% glycerol
Alias	INN: AlteplaseINN: Reteplase
Product Type	Recombinant Protein
Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	SYQVICRDEKTQMIYQQHQSWLRPVLRSNRVEYCWNSGRAQCHSVPVKSC SEPRCFNGGTCQQALYFSDVCQCPEGFAGKCCEIDTRATCYEDQGISYRGT WSTAESGAECTNWNSSALAQKPYSGRRPDAIRLGLGNHNYCRNPDRDSKPW CYVFKAGKYSSEFCSTPACSEGNSDCYFGNGSAYRGTHSLTESGASCLPWN SMILIGKVYTAQNPSAQUALGLGKHNYCRNPDGDAKPWCHVLKNRRLTWEYCD VPSCSTCGLRQYSQPQFRIKGGFLADIASHPWQAIAFAKHRRSPGERFLCGGI LISSCWILSAAHCFQERFPPHHLTIVILGRTYRVVPGEEEEQKFEVEKYIVHKEFD DDTYDNDIALLQLKSDSSRCAQESSVVRTVCLPPADLQLPDWTECELSGYGK HEALSPFYSERLKEAHVRLYPSSRCTSQHLLNRTVTDNMLCAGDTRSGGPQA NLHDACQGDSGGPLVCLNDGRMTLVGIISWGLGCGQKDVPGVYTKVTNYLD WI
Research Area	Cancer
Source	E.coli
Gene Names	PLAT
Expression Region	36-556aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	74.3kDa
Protein Description	Partial

**Image**

(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.