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## Product Datasheet

### Recombinant Human Urokinase-type plasminogen activator (PLAU) (Active) BYT-ORB2280215

Article Name	Recombinant Human Urokinase-type plasminogen activator (PLAU) (Active)
Biozol Catalog Number	BYT-ORB2280215
Supplier Catalog Number	orb2280215
Alternative Catalog Number	BYT-ORB2280215-1,BYT-ORB2280215-100,BYT-ORB2280215-20
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	This Recombinant Human Urokinase-type plasminogen activator(PLAU) (Active) spans the amino acid sequence from region 21-431aa. Purity: Greater than 95% as determined by SDS-PAGE....
Molecular Weight	47.9 kDa
UniProt	<a href="#">P00749</a>
Buffer	Lyophilized powder
Source	Homo sapiens (Human)
Purity	Greater than 95% as determined by SDS-PAGE.
Form	Lyophilized powder
Sequence	SNELHQVPSNCDCLNGGTCVSNKYFSNIHWCNCPKFKGGQHCEIDKSKTCYE GNGHFYRKGASTDTMGRPCLPWNSATVLQQTYHAHRSDALQLGLGKHNYS RNPDNRRRPWCYVQVGLKPLVQECMVHDCADGKKPSSPPEELKFQCGQKTL RPRFKIIGGEFTTIENQPWFAAIYRRHRGGSVTYVCGGSLISPCWVISATHCFID YPKKEDIYVYLGRSRLNSNTQGEMKFEVENLILHKDYSADTLAHHND

Application Notes

Biological Origin: Homo sapiens (Human). Biological Activity: Fully active measured by its ability to cleave a peptide substrate, N-carbobenzyloxy-Gly-Gly-Arg-7-amido-4-methylcoumarin (Z-GGR-AMC). PLAU needs to be activated by Plasmin to be enzymatically active. The specific activity is above 2000 pmol/min/ug. Application Notes: We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference