

CPS1 recombinant protein

Recombinant Human CPS1

CATALOG # AAA250161	HOST E Coli	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

CPS1; Recombinant Human CPS1; CPSase I; CPS1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 80% by SDS-PAGE gel analyses
Form/Format	Lyophilized from a 0.2um filtered solution in PBS with 5% trehalose and 0.01% proclin, pH7.4
Sequence Positions	28-269
Applicable Applications for CPS1 recombinant protein	ELISA, WB (Western Blot)
Species	Human
Tag	N-terminal His-IF2DI Tag
Reconstitution	Centrifuge the vial at 10,000rpm for 1 minute, reconstitute at 200ug/ml in sterile distilled water
Preparation and Storage	Store at -20 degree C for 12 months as lyophilized; 2-8 degree C for 1 month under sterile conditions after reconstitution

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361331
NCBI GeneID	1373
NCBI Accession #	NP_001866.2
NCBI GenBank Nucleotide #	NM_001875.4
UniProt Accession #	P31327 ; O43774 ; Q53TL5 ; Q59HF8 ; Q7Z5I5 ; B7Z818 ; J3KQL0
Molecular Weight	165,650 Da
NCBI Official Full Name	carbamoyl-phosphate synthase
NCBI Official Synonym Full Names	carbamoyl-phosphate synthase 1, mitochondrial
NCBI Official Symbol	CPS1
NCBI Official Synonym Symbols	PHN; CPSASE1
NCBI Protein Information	carbamoyl-phosphate synthase [ammonia], mitochondrial; carbamoyl-phosphate synthase [ammonia], mitochondrial; carbamoylphosphate synthetase I
UniProt Protein Name	Carbamoyl-phosphate synthase [ammonia], mitochondrial
UniProt Gene Name	CPS1
UniProt Synonym Gene Names	CPSase I

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cps1-recombinant-protein-e-coli-elisa-wb-western-blot/250161>