

## Recombinant Human CPS1 protein, His-tagged

**Cat. No.** CPS1-0486H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CPS1 protein(1354-1500aa)(P31327), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1354-1500aa
<b>Form</b>	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.
<b>Molecular Mass</b>	20.5 kDa
<b>AA Sequence</b>	GFKIPQKGILIGIQQSFRPRFLGVAEQLHNEGFKLFATEATSDWLNANNVPATPVAW PSQEGQNPSLSSIRKLIRDGSIDLVINLPNNNTKRVHDNYVIRRTAVDSGIPLLTNFQV TKLFAEAVQKSRKVDSKSLFHRYRQYSAGKAA
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

## GENE INFORMATION

**Gene Name** CPS1 carbamoyl-phosphate synthase 1, mitochondrial [ Homo sapiens ]

**Official Symbol** CPS1

**Synonyms** CPS1; carbamoyl-phosphate synthase 1, mitochondrial; carbamoyl phosphate synthetase 1, mitochondrial; carbamoyl-phosphate synthase [ammonia], mitochondrial; carbamoylphosphate synthetase I; CPSASE1;

**Gene ID** 1373

**mRNA Refseq** NM\_001122633

**Protein Refseq** NP\_001116105

**UniProt ID** P31327

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA