Recombinant Human CPS1 protein, His-tagged

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

SPECIFICATION

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

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	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

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