

Recombinant Human COASY protein, GST-tagged

Cat. No. COASY-7687H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human COASY protein(296-564 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	296-564 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
AA Sequence	MAINRFRLENDLEELALYQIQLLKDLRHTENEEDKVSSSSFRQRM LGNLLRPPYERP ELPTCLYVIGLTGISGSGKSSIAQRLKGLGAFVIDSDHLGHRAYAPGGPAYQPVVEAF GTDILHKDGIINRKVLGSRVFGNKKQLKILT DIMWPIIAKLAREEMDRAVAEGKRVCVI DAAVLLEAGWQNLVHEVWTAVIPETEAVRRIVERDGLSEAAAQSRLQSQMSGQQLV EQSHVVLSTLWEPHITQRQVEKAWALLQKRIPKTHQALD
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

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GENE INFORMATION

Official Symbol	COASY
Synonyms	COASY; CoA synthase; Coenzyme A synthase; bifunctional coenzyme A synthase; CoASY; DPCK; NBP; PPAT; nucleotide binding protein; phosphopantetheine adenyltransferase / dephosphocoenzyme A kinase; bifunctional phosphopantetheine adenyl transferase/dephospho CoA kinase; UKR1; pOV-2; FLJ35179;
Gene ID	80347
mRNA Refseq	NM_001042529
Protein Refseq	NP_001035994
MIM	609855
UniProt ID	Q13057

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SDS-PAGE

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