

Recombinant Human COASY protein, T7-tagged

Cat. No. COASY-137H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human COASY (269aa, Isoform_b) fused with T7 Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	269 a.a.
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGQQMGRGEFMAINRFRLNDLEELALYQIQLLKDLRHTENEEDKVSSSSFRQRMLGNLLRPPYERPELP TCLYVIGLTGISGSGKSSIAQRLKGLGAFVIDSDHLGHRAYAPGGPAYQPVVEAFGTDILHKDGIINRKVLGSRV FGNKKQLKILTDIMWPPIAKLA REEMDRAVAEGKRVCVIDAAVLLEAGWQNLVHEVWTAVIPETEAVRRIVERDG LSE AAAQSRLQSQMSGQQLVEQSHVVLSTLWEPHITQRQVEKAWALLQKRIPKTHQALD
Purity	>90% by SDS-PAGE
Storage	Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 7 days.

GENE INFORMATION

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Gene Name	COASY CoA synthase [Homo sapiens]
Official Symbol	COASY
Synonyms	COASY; CoA synthase; Coenzyme A synthase; bifunctional coenzyme A synthase; CoASY; DPCK; NBP; PPAT; nucleotide binding protein; phosphopantetheine adenylyltransferase / dephosphocoenzyme A kinase; bifunctional phosphopantetheine adenylyl transferase/dephospho CoA kinase; UKR1; pOV-2; FLJ35179;
Gene ID	80347
mRNA Refseq	NM_001042529
Protein Refseq	NP_001035994
MIM	609855
UniProt ID	Q13057
Chromosome Location	17q12-q21
Pathway	Coenzyme A biosynthesis, organism-specific biosystem; Coenzyme A biosynthesis, pantothenate =>CoA, organism-specific biosystem; Coenzyme A biosynthesis, pantothenate => CoA, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem;
Function	ATP binding; dephospho-CoA kinase activity; nucleotide binding; nucleotidyltransferase activity; pantetheine-phosphate adenylyltransferase activity; transferase activity;

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