

Recombinant Human CDS1, His-tagged

Cat. No. CDS1-11070H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDS1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	252-461a.a.
Description	CDC37L1 is a cytoplasmic phosphoprotein that exists in complex with HSP90 (HSPCA; MIM 140571) as well as several other proteins involved in HSP90-mediated protein folding (Scholz et al., 2001 [PubMed 11413142]).
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	CDS1 CDP-diacylglycerol synthase (phosphatidate cytidyltransferase) 1 [Homo sapiens]
Official Symbol	CDS1

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Synonyms	CDS1; CDP-diacylglycerol synthase (phosphatidate cytidyltransferase) 1; phosphatidate cytidyltransferase 1; CDS 1; CDP-DG synthase 1; CDP-DAG synthase 1; CDP-DG synthetase 1; CDP-diglyceride synthase 1; CDP-diglyceride synthetase 1; CDP-diacylglycerol synthase 1; CDP-diglyceride pyrophosphorylase 1; CTP:phosphatidate cytidyltransferase 1; CDS;
Gene ID	1040
mRNA Refseq	NM_001263
Protein Refseq	NP_001254
MIM	603548
UniProt ID	Q92903
Chromosome Location	4q21
Pathway	CDP-diacylglycerol biosynthesis I, organism-specific biosystem; Glycerophospholipid metabolism, organism-specific biosystem; Glycerophospholipid metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Phosphatidylinositol signaling system, organism-specific biosystem; Phosphatidylinositol signaling system, conserved biosystem; phosphatidylglycerol biosynthesis II (non-plastidic), organism-specific biosystem;
Function	diacylglycerol cholinephosphotransferase activity; nucleotidyltransferase activity; phosphatidate cytidyltransferase activity;