

Recombinant Human PCYT1A protein, His-tagged

Cat. No. PCYT1A-788H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PCYT1A protein(1-76 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	1-76 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	MDAQCSAKVNARKRRKEAPGPNGATEEDGVPSKVQRCAVGLRQPAPFSDEIEVDF SKPYVRVTMEEASRGTPCERP
Purity	85%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. 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.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	PCYT1A phosphate cytidyltransferase 1, choline, alpha [Homo sapiens]
Official Symbol	PCYT1A
Synonyms	PCYT1A; phosphate cytidyltransferase 1, choline, alpha; PCYT1, phosphate cytidyltransferase 1, choline, alpha isoform; choline-phosphate cytidyltransferase A; CT; CTPCT; phosphate cytidyltransferase 1; choline; alpha isoform; CT A; CCT A; CCT-alpha; phosphorylcholine transferase A; CTP:phosphocholine cytidyltransferase A; CTA; CCTA; PCYT1;
mRNA Refseq	NM_005017
Protein Refseq	NP_005008
MIM	123695
UniProt ID	P49585
Gene ID	5130

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