Recombinant Full Length Human CHPT1 Protein, GST-tagged

Cat. No. CHPT1-3217HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CHPT1 full-length ORF (NP_064629.2, 1 a.a. - 406 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	406 amino acids
Description	CHPT1 (Choline Phosphotransferase 1) is a Protein Coding gene. Among its related pathways are phosphatidylcholine biosynthesis and Synthesis of PC. GO annotations related to this gene include diacylglycerol binding and diacylglycerol cholinephosphotransferase activity. An important paralog of this gene is CEPT1.
Molecular Mass	71.5 kDa
AA Sequence	MAAGAGAGSAPRWLRALSEPLSAAQLRRLEEHRYSAAGVSLLEPPLQLYWTWLLQ WIPLWMAPNSITLLGLAVNVVTTLVLISYCPTATEEAPYWTYLLCALGLFIYQSLDAID GKQARRTNSCSPLGELFDHGCDSLSTVFMAVGASIAARLGTYPDWFFFCSFIGMFV FYCAHWQTYVSGMLRFGKVDVTEIQIALVIVFVLSAFGGATMWDYTIPILEIKLKILPVL GFLGGVIFSCSNYFHVILHGGVGKNGSTIAGTSVLSPGLHIGLIIILAIMIYKKSATDVFE KHPCLYILMFGCVFAKVSQKLVVAHMTKSELYLQDTVFLGPGLLFLDQYFNNFIDEYV VLWMAMVISSFDMVIYFSALCLQISRHLHLNIFKTACHQAPEQVQVLSSKSHQNNMD
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CHPT1 choline phosphotransferase 1 [Homo sapiens]
Official Symbol	CHPT1
Synonyms	CHPT1; choline phosphotransferase 1; cholinephosphotransferase 1; CPT1; phosphatidylcholine synthesizing enzyme; hCPT1; AAPT1-like protein; cholinephosphotransferase 1 alpha; diacylglycerol cholinephosphotransferase 1; CPT;
Gene ID	56994
mRNA Refseq	NM_020244
Protein Refseq	NP_064629
MIM	616747
UniProt ID	Q8WUD6

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