

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	MAAGAGAGSAPRWLRALSEPLSAAQLRRLEEHRYSAGVSLLEPPLQLYWTWLLQ WIPLWMAPNSITLLGLAVNVVTTLVLSYCPTATEEAPYWTYLLCALGLFIYQSLDAID GKQARRTNSCSPLGELFDHGCDLSTVFMVAVGASIAARLGTYPDWFFFCSFIGMFV FYCAHWQTYVSGMLRFGKVDVTEIQIALVIVFVLSAFGGATMWDYTIPILEIKLKILPVL GFLGGVIFSCSNYFHVILHGGVGKNGSTIAGTSVLSPGLHIGLIILAIMIYKKSATDVFE KHPCLYILMFGCVFAKVSQKLVAHMTKSELYLQDTVFLGPGLFLDQYFNNFIDEYV VLWMAMVISSFDMVIYFSALCLQISRHLHLNIFKTACHQAPEQVQVLSKSHQNNMD
Applications	Enzyme-linked Immunoabsorbent Assay

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA