Recombinant Mouse Cept1 Protein, Myc/DDK-tagged

Cat. No. Cept1-2119M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length choline/ethanolaminephosphotransferase 1 (cDNA clone MGC:25615 IMAGE:4167222), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes both phosphatidylcholine and phosphatidylethanolamine biosynthesis from CDP-choline and CDP-ethanolamine, respectively. Involved in protein-dependent process of phospholipid transport to distribute phosphatidyl choline to the lumenal surface. Has a higher cholinephosphotransferase activity than ethanolaminephosphotransferase activity.
Molecular Mass	46.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method

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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Cept1 choline/ethanolaminephosphotransferase 1 [Mus musculus (house mouse)]
Official Symbol	Cept1
Synonyms	Cept1; choline/ethanolaminephosphotransferase 1; mCEPT1; 9930118K05Rik; choline/ethanolaminephosphotransferase 1; EC 2.7.8.1; EC 2.7.8.2
Gene ID	99712
mRNA Refseq	NM_133869
Protein Refseq	NP_598630
UniProt ID	Q8BGS7

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