

Product datasheet for **TP506581**

Cept1 (BC021753) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse choline/ethanolaminephosphotransferase 1 (cDNA clone MGC:25615 IMAGE:4167222), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206581 protein sequence Red =Cloning site Green =Tags(s)

MSGHRSTRKRCGDSHPESVGFVGHMSTTGCVLNKLFQLPTPLSRHQLKRLEEHRYSAGRSLLLEPLMQG
YWEWLVRVPSWIAPNLITIIIGLSINICTTILLVFCPTATEQAPLWAYIACACGLFIYQSLDAIDGKQA
RRTNSSSPLGELFDHGCDSLSTVFVVLGTICAVQLGTNPDWMFFCCFAGTFMFYCAHWQTYVSGTLRFGI
FDVTESQILILFQLLSGTVGPWFNFTIPVLNIQMKLLPALCTVAGTIFSTNYFRVIFTGGVKGNGST
IAGTSVLSPLFHIGSVITLAVMIYKSAVQLFEKHPCLYILTFGFVSAKITNKLVAHMTKSEMHLHDTA
FIGPALLFLDQYFNSFIDEYIVLWIALIFSFFDLIRYCVSVCNQiASHLHIHVFRIKASTAHSNHH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	46.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Locus ID:	99712
UniProt ID:	Q8BGS7



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RefSeq Size: 2038

Cytogenetics: 3 F2.3

RefSeq ORF: 1248

Synonyms: 9930118K05Rik; mCEPT1

Summary: 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 luminal surface. Has a higher cholinephosphotransferase activity than ethanolaminephosphotransferase activity (By similarity).[UniProtKB/Swiss-Prot Function]