

Product datasheet for TP510285

HLcs (NM_139145) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse holocarboxylase synthetase (biotin- [propriony-Coenzyme A-carboxylase (ATP-hydrolysing)] ligase) (HLcs), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR210285 representing NM_139145

Red=Cloning site Green=Tags(s)

MEDRLQMDNGLIAQKIVSVHLKDPALKELGKASDKQVQGPPPGPEASPEAQAQGVMEHAGQGDCKAAGE
GPSRRRRCAPSEPAADGDPGLSSPELCQLHLSICHECLELENSTIDSVRSASAENIPDLPCDHSGVEG
AAGELCPERKGRVNISSGKAPNILLVYVSGSEALGRLQQVRSVLTDCVDTDSYTYLHLLLEDALRDPWS
DNCLLLVIASRDPIPKDIQHKFMAYLSQGGKVLGLSSPFTLGGFRVTRRDVLRNTVQNLVFSKADGTEVR
LSVLSSGYVYEEGPSLGRQLQHLENEKDKMIVHVPFGTLGGEAVLCQVHLELPPGASLVQTADDFNVLK
SSNVRRHEVLKEILTALGLSCDAPQVPALTPYLLLLAAEETQDPFMQWLGRHTDPEGIKSSKLSLQFVS
SYTSEAEITPSSMPVVTDPFAFSSEHFSLETYRQNLQTTTLGKVLFAEVTSTTMSLLDGLMFEMPQEMG
LIAIAVRQTQGGKGRGNWLSVPGCALSTLLVFIPLRSQLGQRIPFVQHMLSLAWEAVRSIPGYEDINL
RVKWPNDIYSDLMKIGGVLVNSTLMGETFYILIGCGFNVTNSNPTICINDLIEHNKQHAGLKLPLRAD
CLIAVAVTLEKIDRFQDQGPDGVLPLYKYVWHGGQQVRLGSTEGPQASIVGLDDSGFLQVHQEDGGV
VTVHPDGNSFDMLRNLIVPKRQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 79 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.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_631884</u>
Locus ID:	110948
UniProt ID:	<u>Q920N2</u> , <u>Q3TZ03</u>
RefSeq Size:	4833
Cytogenetics:	16 55.12 cM
RefSeq ORF:	2166
Synonyms:	410I21.SP6; D16Jhu34
Summary:	Post-translational modification of specific protein by attachment of biotin. Acts on various carboxylases such as acetyl-CoA-carboxylase, pyruvate carboxylase, propionyl CoA carboxylase, and 3-methylcrotonyl CoA carboxylase (By similarity).[UniProtKB/Swiss-Prot Function]