

Product datasheet for **TP300197**

2 Hydroxy phytanoyl CoA lyase (HACL1) (NM_012260) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human 2-hydroxyacyl-CoA lyase 1 (HACL1), 20 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC200197 protein sequence
Red=Cloning site **Green**=Tags(s)

MPDSNFAERSEEQVSGAKVIAQALKTQDVEYIFGIVGIPVTEIAIAAQQLGIKYIGMRNEQAACYAASAI
GYLTSRPGVCLVWVSGPGLIHALGGMANANMNCWPLLVIIGSSERNQETMGAFQEFQVEACRLYTKFSAR
PSSIEAIPFVIEKAVRSSYGRPGACYVDIPADFVNLQVNVNSIKYMERCMSPPI SMAETS AVCTAASVI
RNAKQPLLIIGKGAAYAHAESIKKLVEQYKLPFLPTPMGKGVDPDNHPYCVGAARSRALQFADVIVLFG
ARLNWILHFGLPPRYQPDVKFIQVDICAEELGNVVKPAVTLGNIHAVTKQLLEELDKTPWQYPPEKSWW
KTLREKMSNEAASKELASKKSLPMNYTVFYHVQEQLPRDCFVSEGANTMDIGRTLQNYLPRHLDA
GTFGTMGVGLGFAIAAAVAKDRSPGQWIIQVEGDSAFGFGSGMEVETICRYNLPIILLVNNNGIYQGF
TDTWKEMLKFQDATAVPPMCLLPNSHYEQVMTAFGGKGYFVQTPPEELQKSLRQSLADTTKPSLINIMIE
PQATRKAQDFHWLTRSNM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 63.5 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

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

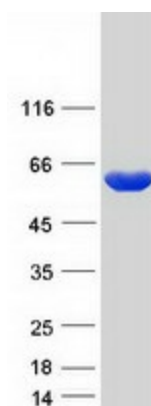
Storage: Store at -80°C.



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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:	NP_036392
Locus ID:	26061
UniProt ID:	Q9UJ83
RefSeq Size:	2287
Cytogenetics:	3p25.1
RefSeq ORF:	1734
Synonyms:	2-HPCL; HPCL; HPCL2; PHYH2
Summary:	Catalyzes a carbon-carbon cleavage reaction; cleaves a 2-hydroxy-3-methylacyl-CoA into formyl-CoA and a 2-methyl-branched fatty aldehyde.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified HACL1 protein (Cat# TP300197). The protein was produced from HEK293T cells transfected with HACL1 cDNA clone (Cat# [RC200197]) using MegaTran 2.0 (Cat# [TT210002]).