

## Product datasheet for TP300197M

### 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), 100 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  
RNAKQPLLIIGKGAAYAHAESIKKLVEQYKLPFLPTPMGKGVVDPNHPYCVGAARSRALQFADVIVLFG  
ARLNWILHFGLPPRYQPDVKFIQVDICAEELGNVVKPAVTLGNIHAVTKQLLEELDKTPWQYPPESKWW  
KTLREKMSNEAASKELASKKSLPMNYTVFYHVQEQLPRDCFVSEGANTMDIGRTLQNYLPRHLDA  
GTFGTMGVGLGFAIAAAVAKDRSPGQWIIQVEGDSAFGFSGMEVETICRYNLPILLVNNNGIYQGF  
TDTWKEMLKFQDATAVPPMCLLPNSHYEQVMTAFGGKGYFVQTPPEELQKSLRQSLADTTKPSLINIMIE  
PQATRKAQDFHWLTRS NM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

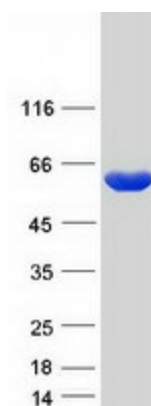
Tag:	C-Myc/DDK
Predicted MW:	63.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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:	<a href="#">NP_036392</a>
Locus ID:	26061
UniProt ID:	<a href="#">Q9UJ83</a>
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]).