

## Product datasheet for **TP300197L**

### 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), 1 mg

**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  
ARLNWILHFGLPPRYQPDVKFIQVDICAEELGNVVKPAVTLGNIHAVTKQLLEELDKTPWQYPPESKWW  
KTLREKMSNEAASKELASKKSLPMNYTVFYHVQEQQLPRDCFVSEGANTMDIGRTLQNYLPRHLDA  
GTFGTMGVGLGFAIAAAVAKDRSPGQWIIQVEGDSAFGFGSGMEVETICRYNLPILLVNNNGIYQGF  
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.

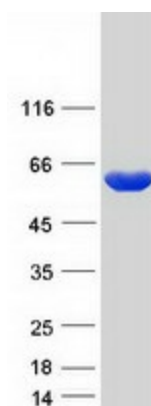
**Storage:** Store at -80°C.



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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]).