

Recombinant Full Length Human HACL1 Protein, C-Flag-tagged

Cat. No. HACL1-1970HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human HACL1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables several functions, including 2-hydroxy-3-methylhexadecanoyl-CoA lyase activity; ATP binding activity; and cation binding activity. Involved in fatty acid alpha-oxidation; phytanic acid metabolic process; and protein targeting to peroxisome. Located in nucleoplasm and peroxisome.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	63.5 kDa
AA Sequence	MPDSNFAERSEEQVSGAKVIAQALKTQDVEYIFGIVGIPVTEIAIAAQQLGIKYIGMRN EQAACYAASAI GYLTSRPGVCLVVS GPGLIHALGGMANANMNCWPLL VIGGSSERN QETMGAFQEFPQVEACRLYTKFSAR PSSIEAIPFVIEKAVRSS IYGRPGACYVDIPAD FVNLQVNVNSIKYMERCMSPPI SMAETS AVCTAASVI RNAKQPLLIIGKGAAYAH AEE SIKKLVEQYKLPFLPTPMGKG VVPDNHPYCVGAARSRALQFADVIVLFG ARLNWILH FGLPPRYQPDVKFIQVDICAEELGN NVKPAVTLLGNIHAVTKQLLEELDKTPWQYPPE SKWW KTLREKMKSNEAASKELASKKSLPMNYYTVFYHVQEQLPRDCFVVSEGANT MDIGRTVLQNYLPRHRLDA GTFGTMGVGLGFAIAAAV VAKDRSPGQWII CVEGDSA

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FGFSGMEVETICRYNLPIILLVVNNNGIYQGFD TDTWKEMLKFDATAVVPPMCLLP
 NSHYEQVMTAFGGKGYFVQTPEELQKSLRQSLADTTKPSLINIMIE PQATRKAQDFH
 WLTRSNM TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	HACL1 2-hydroxyacyl-CoA lyase 1 [Homo sapiens (human)]
Official Symbol	HACL1
Synonyms	HPCL; HPCL2; PHYH2; 2-HPCL
Gene ID	26061
mRNA Refseq	NM_012260.4
Protein Refseq	NP_036392.2

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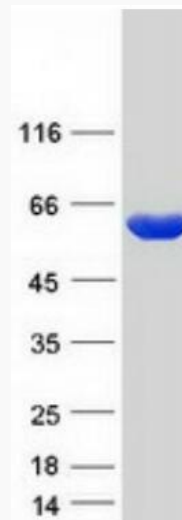
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MIM 604300

UniProt ID Q9UJ83



Coomassie blue staining of purified HACL1 protein.

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