

Recombinant Full Length Human HACL1 Protein, GST-tagged

Cat. No. HACL1-3423HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HACL1 full-length ORF (NP_036392.2, 1 a.a. - 578 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	578 amino acids
Description	HACL1 (2-Hydroxyacyl-CoA Lyase 1) is a Protein Coding gene. Diseases associated with HACL1 include Alpha-Methylacyl-CoA Racemase Deficiency and Refsum Disease. Among its related pathways are fatty acid alpha-oxidation III and Peroxisome. GO annotations related to this gene include identical protein binding and magnesium ion binding. An important paralog of this gene is ILVBL.
Molecular Mass	90.1 kDa
AA Sequence	MPDSNFAERSEEQVSGAKVIAQALKTQDVEYIFGIVGIPVTEIAIAAQQLGIKYIGMRN EQAACYAASAIGYLTSRPGVCLVSGPGLIHALGGMANANMNCWPLLVIIGSSERN QETMGAFQEFPQVEACRLYTKFSARPSSIEAIPFVIEKAVRSSYGRPGACYVDIPAD FVNLQVNVNSIKYMERCMSPPI SMAETSAVCTAASVIRNAKQPLLIIGKGAAYAHAE SIKKLVEQYKLPFLPTPMGKGVVDPNHPYCVGAARSRALQFADVIVLFGARLNWILH FGLPPRYQPDVKFIQVDICAEELGNNVKPAVTLLGNIHAVTKQLLEELDKTPWQYPPE SKWWKTLREKMKSNEAASKELASKSLPMNYYTVFYHVQEQLPRDCFV VSEGANT MDIGRTVLQNYLPRHRLDAGTFGTMGVGLGFAIAAAVVAKDRSPGQWIIICVEGDSAF

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GFSGMEVETICRYNLPILLVVNNNGIYQGFDTDTWKEMLFQDATAVVPPMCLLPN
SHYEQVMTAFGGKGYFVQTPEELQKSLRQSLADTTKPSLINIMIEPQATRKAQDFHW
LTRSNM

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

[HACL1 2-hydroxyacyl-CoA lyase 1 \[Homo sapiens \]](#)

Official Symbol

[HACL1](#)

Synonyms

HACL1; 2-hydroxyacyl-CoA lyase 1; 2 hydroxyphytanoyl CoA lyase , HPCL; 2 HPCL; PHYH2; 1600020H07Rik; 2-hydroxyphytanol-CoA lyase; phytanoyl-CoA hydroxylase 2; 2-hydroxyphytanoyl-CoA lyase; phytanoyl-CoA 2-hydroxylase 2; HPCL; HPCL2; 2-HPCL; FLJ55041;

Gene ID

[26061](#)

mRNA Refseq

[NM_012260](#)

Protein Refseq

[NP_036392](#)

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MIM	604300
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UniProt ID	Q9UJ83
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