

Recombinant Human HACL1, His-tagged

Cat. No. HACL1-26022TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 393-578 of Human 2 Hydroxy phytanoyl CoA lyase with N terminal His tag; MWt 22kDa.
Species	Human
Source	E.coli
ProteinLength	393-578 a.a.
Description	By analyzing 1,780,295 5-end sequences of human full-length cDNAs derived from 164 kinds of oligo-cap cDNA libraries, we identified 269,774 independent positions of transcriptional start sites (TSSs) for 14,628 human RefSeq genes.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 86 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	FVVSEGANTMDIGRTVLQNYLPRHRLDAGTFGTMGVGLGF AIAAAVVAKDRSPGQ WIICVEGDSAFGFSGMEVETICR YNLPIILLVVNNNGIYQGFDTDTWKEMLKFDATA VVP PMCLLPNSHYEQVMTAFGGKGYFVQTPEELQKSLRQSL ADTTKPSLINIMIEP

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QATRKAQDFHWLTRSNM

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;
Gene ID	26061
mRNA Refseq	NM_012260
Protein Refseq	NP_036392
MIM	604300
Uniprot ID	Q9UJ83
Chromosome Location	3p24.3
Pathway	Alpha-oxidation of phytanate, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; Peroxisomal lipid metabolism, organism-specific biosystem; Peroxisome, organism-specific biosystem; Peroxisome, conserved biosystem;
Function	carbon-carbon lyase activity; carbon-carbon lyase activity; identical protein binding; magnesium ion binding; thiamine pyrophosphate binding;

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