Recombinant Human HACL1 Protein, His-tagged

Cat. No. HACL1-2226H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HACL1 Protein (Met1-Pro255) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Pro255
Description	Enables several functions, including 2-hydroxy-3-methylhexadecanoyl-CoA lyase acti vity; ATP binding activity; and cation binding activity. Involved in fatty acid alpha-oxida tion; phytanic acid metabolic process; and protein targeting to peroxisome. Located in nucleoplasm and peroxisome.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.1 kDa Accurate Molecular Mass: 31 kDa
Endotoxin	<1.0 EU per 1μg (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	HACL1 2-hydroxyacyl-CoA lyase 1 [Homo sapiens (human)]
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
MIM	604300

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID	Q9UJ83

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA