

Recombinant Human HACD2 Protein, His&GST-tagged

Cat. No. HACD2-1610H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human HACD2 Protein (Tyr41-Gln239) with N-His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Tyr41-Gln239
Description	The protein encoded by this gene can catalyze the third step (dehydration) in the conversion of long chain fatty acids to very long chain fatty acids. The encoded protein localizes to the endoplasmic reticulum membrane.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 53 kDa Accurate Molecular Mass: 53 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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

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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

[HACD2 3-hydroxyacyl-CoA dehydratase 2 \[Homo sapiens \(human\) \]](#)

Official Symbol

[HACD2](#)

Synonyms

HACD2; 3-hydroxyacyl-CoA dehydratase 2; PTPLB; very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 2; protein tyrosine phosphatase-like (proline instead of catalytic arginine), member b; protein-tyrosine phosphatase-like member B; very-long-chain (3R)-3-hydroxyacyl-[acyl-carrier protein] dehydratase 2; EC 4.2.1.134

Gene ID

[201562](#)

mRNA Refseq

[NM_198402](#)

Protein Refseq

[NP_940684](#)

MIM

[615939](#)

UniProt ID

[Q6Y1H2](#)

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