

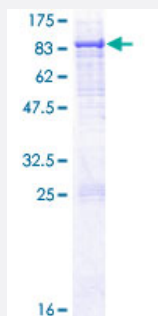
Full-Length

HACL1 (Human) Recombinant Protein (P01)

Catalog # H00026061-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human HACL1 full-length ORF (NP_036392.2, 1 a.a. - 578 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MPDSNFAERSEEQVSGAKVIAQALKTQDVEYIFGIVGIPVTEIAIAAQQLGIKYIGMRNEQAACYAAS
AIGYLTSRPGVCLVVSGPLIHGGMANANMNCWPLLVIIGSSERNQETMGAFQEFPQVEACR
LYTKFSARPSSIEAIPFVIEKAVRSSYGRPGACYVDIPADFVNLQVNVNSIKYMERCMSPISMAET
SAVCTAASVIRNAKQPLLIGKGAAAYAHAEESIKKLVEQYKLPFLPTPMGKGVVDPDNHPYCVGAAR
SRALQFADVMLFGARLNWILHFGLPTRYQPDVKFIQVDICAEELGNNVKPAVTLLGNIHAVTKQLL
EELDKTPWQYPPEKWWKTLREKMKSNAAASKELASKKSLPMNYTVFYHVQEQLPRDCFVVS
EGANTMDIGRTVLQNYLPRHRLDAGTFGTMGVGLGFAIAAAVVAKDRSPGQWIIQVEGDSAFGFS
GMEVETICRYNLPILLVVNNNGYQGFDTDWKEMLKFDATAVVPPMCLLPNSHYEQVMTAFGG
KGYFVQTPEELQKSLRQSLADTTKPSLINIMIEPQATRKAQDFHWLTRSNM

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

90.1

Interspecies Antigen Sequence

Mouse (87); Rat (85)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — HACL1

Entrez GeneID	26061
GeneBank Accession#	NM_012260.2
Protein Accession#	NP_036392.2
Gene Name	HACL1
Gene Alias	2-HPCL, HPCL, HPCL2, PHYH2
Gene Description	2-hydroxyacyl-CoA lyase 1
Omim ID	604300
Gene Ontology	Hyperlink
Other Designations	1600020H07Rik 2-hydroxyphytanol-CoA lyase 2-hydroxyphytanoyl-CoA lyase phytanoyl-CoA 2-hydroxylase 2 phytanoyl-CoA hydroxylase 2