

HACL1 recombinant protein

Recombinant Human HACL1 Protein

CATALOG # AAA263266	HOST Human cells	REACTIVITY Human	APPLICATIONS SDS-Page, Western Blot, ELISA
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PRODUCT SYNONYMS

HACL1; Recombinant Human HACL1 Protein; HPCL; HPCL2; PHYH2; 2-hydroxyacyl-CoA lyase 1; 2-hydroxyphytanoyl-CoA lyase; 2-HPCL; Phytanoyl-CoA 2-hydroxylase 2; HACL1 recombinant protein

PRODUCT SPECIFICATIONS

Host	Human cells
Reactivity	Human
Purity/Purification	Greater than 95% as determined by reducing SDS-PAGE.
Form/Format	Supplied as a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Sequence	MPDSNFAERS EEQVSGAKVI AQALKTQDVE YIFGIVGIPV TEIAIAAQQ L GIKYIGMRNE QAACYAASAI GYLTSRPGVC LVVSGPLIH ALGGMANANM NCWPLLIGG SSERNQETMG AFQEFQVEA CRLYTKFSAR PSSIEAIPFV IEKAVRSSIY GRPGACYVDI PADFVNQVN VNSIKYMERC MSPPI SMAET SAVCTAASVI RNAKQPLLII GKGAAYAHAE ESIKKLVEQY KLPFLPTPMG KGVVPDNHPY CVGAARSRAL QFADVIVLFG ARLNWILHFG LPPRYQPDVK FIQVDICAE LGNNVKPAVT LLGNIHAVTK QLEELDKTP WQYPPEKWW KTLREKMKN EAASKELASK KSLPMNYTV FYHVQEQLPR DCFVSEGAN TMDIGRTVLQ NYLPRHRLDA GTFGTMGVGL GFAIAAAVVA KDRSPGWII CVEGDSA FGF SGMEVETICR YNLPIILLVV NNNGIYQGF TDTWKEMLKF QDATAVPPM CLPN SHYE Q VMTAFGGKGY FVQTPEELQK SLRQSLADTT KP SLINIMIE PQATRKAQDF HWLTRSNMVD HHHHHH
Sequence Length	551
Applicable Applications for HACL1 recombinant protein	MS (Mass Spectrometry), SDS-PAGE, WB (Western Blot), ELISA
Endotoxin	Less than 0.1 ng/mug (1 IEU/mug) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Preparation and Storage	Lyophilized protein should be stored at -20 degree C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8 degree C for 2-7 days. Aliquots of reconstituted samples are stable at -20 degree C for 3 months.

ADDITIONAL INFORMATION

Related Product Information for HACL1 recombinant protein	Recombinant Human HACL1 Protein is produced by our mammalian expression system and the target gene encoding Met1-Met578 is expressed with a 6His tag at the C-terminus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	548923731
NCBI GeneID	26061
NCBI Accession #	NP_001271342.1

NCBI GenBank Nucleotide #	NM_001284413.1
UniProt Accession #	Q9UJ83; Q9BV42; Q9P0A2; B4DWI1; B4DXI5; E9PEN4
Molecular Weight	54,724 Da
NCBI Official Full Name	2-hydroxyacyl-CoA lyase 1 isoform b
NCBI Official Synonym Full Names	2-hydroxyacyl-CoA lyase 1
NCBI Official Symbol	HACL1
NCBI Official Synonym Symbols	HPCL; HPCL2; PHYH2; 2-HPCL
NCBI Protein Information	2-hydroxyacyl-CoA lyase 1
UniProt Protein Name	2-hydroxyacyl-CoA lyase 1
UniProt Gene Name	HACL1
UniProt Synonym Gene Names	HPCL; HPCL2; PHYH2; 2-HPCL
UniProt Entry Name	HACL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/hacl1-recombinant-protein-human-cells-ms-mass-spectrometry-sds-page-wb-western-blot-elisa/263266>