

## 32-8426: Recombinant Human 2-Hydroxyacyl-CoA Lyase 1(Discontinued)

**Gene :** HACL1  
**Gene ID :** 26061  
**Uniprot ID :** Q9UJ83

### Description

Source: Human Cells.  
MW :64.8kD.

Recombinant Human 2-hydroxyacyl-CoA lyase 1 is produced by our Mammalian expression system and the target gene encoding Met1-Met578 is expressed with a 6His tag at the C-terminus. 2-hydroxyacyl-CoA lyase 1 is a 115 amino acids protein that belongs to the TPP enzyme family. It is expressed in high levels in liver, also expressed in kidney, heart and skeletal muscle. It can catalyze a carbon-carbon cleavage reaction and cleave a 2-hydroxy-3-methylacyl-CoA into formyl-CoA and a 2-methyl-branched fatty aldehyde.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** MPDSNFAERSEEQVSGAKVIAQALKTQDVEYIFGIVGIPVTEIAIAAQLGIKYIGMRNEQAACYAASAIGYLTSRP  
GVCLVVSGLIHALGGMANANMNCWPLLVIIGSSERNQETMGAFQEFQVEACRLYTKFSARPSSIEAIPFVI  
EKAVRSSYGRPGACYVDIPADFNLQVNVNSIKYMERCMSPPISMAETSAVCTAASVIRNAKQPLLIIGKGAAYA  
HAEESIKKLVQYKLPFLPTPMGKGVDPDNHPYCVGAARSRALQFADVIVLFGARLNWILHFGLPPRYQPDVKFI  
QVDICAEELGNNVKAAPTLLGNIHAVTKQLLEELDKTPWQYPPESKWWKTLREKMKSNEAASKELASKKSLPM  
NYYTVFYHVQEQLEPRDCFVSEGANMMDIGRTVLQNYLPRHRLDAGTFGTMGVGLGFAIAAAVVAKDRSPGQ  
WIICVEGDSAFGFSMEVETICRYNLPILLVNNNGIYQGFDTDTWKEMLKFQDATAVVPPMCLLPNSHYEQV  
MTAFGGKGYFVQTPEELQKSLRQSLADTTKPSLINIMIEPQATRKAQDFHWLTRSNNMVDHHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.