

Product datasheet for TP324159L

ACOT7 (NM_181866) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human acyl-CoA thioesterase 7 (ACOT7), transcript variant hBACHd, 1 mg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC224159 representing NM_181866 Red=Cloning site Green=Tags(s) |

MAFQLSRIMRPDDANVAGNVHGGTILKMIEEAGAIISTRHCNSQNGERCVAALARVERTDFLSPMCIGEV
AHVSAEITYTSKHSVEVQVNVMSENILTGAKKLTNKATLWYVPLSLKNVDKLVPPVYSRQEQEEEGR
KRYEAQKLERMETKWRNGDIVQPVLPNPEPNTVSYSQSSLIHLVGPSTDLHGFVHGGVTMKLMDEVAGIV
AARHCKTNIVTASVDAINFHDKIRKGCVITISGRMTFTSNKSMEIEVLVDADPVDSSQKRYRAASAFFT
YVLSQEGRSLPVPQLVPETEDEKRFEEGKGRYLQMKAKRQGHAEPPQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

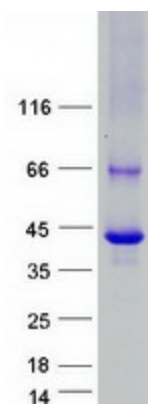
| | |
|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 36.4 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_863656 |
| Locus ID: | 11332 |



[View online »](#)

| | |
|-------------------|---|
| UniProt ID: | O00154 |
| RefSeq Size: | 1376 |
| Cytogenetics: | 1p36.31 |
| RefSeq ORF: | 987 |
| Synonyms: | ACH1; ACT; BACH; CTE-II; hBACH; LACH; LACH1 |
| Summary: | This gene encodes a member of the acyl coenzyme family. The encoded protein hydrolyzes the CoA thioester of palmitoyl-CoA and other long-chain fatty acids. Decreased expression of this gene may be associated with mesial temporal lobe epilepsy. Alternatively spliced transcript variants encoding distinct isoforms with different subcellular locations have been characterized. [provided by RefSeq, Jul 2008] |
| Protein Pathways: | Biosynthesis of unsaturated fatty acids |

Product images:



Coomassie blue staining of purified ACOT7 protein (Cat# [TP324159]). The protein was produced from HEK293T cells transfected with ACOT7 cDNA clone (Cat# [RC224159]) using MegaTran 2.0 (Cat# [TT210002]).