

## Product datasheet for TP324159M

### ACOT7 (NM\_181866) Human Recombinant Protein

#### Product data:

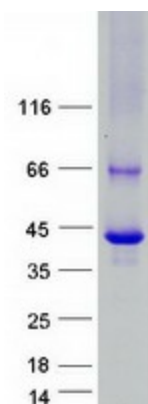
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human acyl-CoA thioesterase 7 (ACOT7), transcript variant hBACHd, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC224159 representing NM_181866 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MAFQLSRIMRPDDANVAGNVHGGTILKMIEEAGAIISTRHCNSQNGERCVAALARVERTDFLSPMCIGEV AHVSAEITYTSKHSVEVQVNVMSENILTGAKKLTNKATLWYVPLSLKNVDKLVPPVYSRQEQEEEGR KRYEAQKLERMETKWRNGDIVQPVLPNPEPNTVSYSQSSLIHLVGPSTDLHGPFVHGGVTMKLMDEVAGIV AARHCKTNIVTASVDAINFHDKIRKGCVITISGRMTFTSNKSMEIEVLVDADPVDSSQKRYRAASAFFT YVLSQEGRSLPVPQLVPETEDEKRFEEGKGRYLQMKAKRQGHAEPPQ
	<b>TR</b> TRPLEQKLISEEDLAANDILDYKDDDDKV
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:	<a href="#">NP_863656</a>
Locus ID:	11332



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UniProt ID:	<a href="#">O00154</a>
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]).