

Product datasheet for **AR50165PU-S**

ACOT7 / BACH (1-370, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	ACOT7 / BACH (1-370, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MARPGLIHS A PGLPDTCALL QPPAASAAAA PSMSGPDVET PSAIQICRIM RPDDANVAGN VHGGTILKMI EEAGAIISTR HCNSQNGERC VAALARVERT DFLSPMCIGE VAHVSAEITY TSKHSVEVQV NVMSENILTG AKKLTNKATL WYVPLSLKNV DKVLEVPPV V YSRQEQEEEG RKRYEAQKLE RMETKWRNGD IVQPVLNPEP NTVSYSQSSL IHLVGPSDCT LHGFVHGGVT MKLMDEVAGI VAARHCKTNI VTASVDAINF HDKIRKGCVI TISGRMTFTS NKSMEIEVLV DADPVVDSSQ KRYRAASAFF TYVLSQEGR SLPVQLVPE TEDEKKRFEE GKGRYLQMKA KRQGHAEPQP
Tag:	His-tag
Predicted MW:	42.6 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1 mM DTT, 0.15M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human ACOT7 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_009205
Locus ID:	11332
UniProt ID:	O00154



[View online »](#)

Cytogenetics: 1p36.31

Synonyms: Acyl-CoA thioesterase 7, Brain acyl-CoA hydrolase

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:

