

Full-Length

BACH (Human) Recombinant Protein (P01)

Catalog # H00011332-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human BACH full-length ORF (AAH17365, 1 a.a. - 338 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSGPDVETPSAIQICRIMRPDDANVAGNVHGGTILKMIEEAGAIISTRHCNSQNGERCVAALARVER
TDFLSPMCIGEVAVHSAEITYTSKHSVEVQNVMSSENILTGAKKLTNKATLWYVPLSLKNVDKYLE
VPPVVYSRQEQUEEEGRKRYEAQKLERMETKWRNGDIVQPVLNPEPNTVSYSQSSLIHLVGPSDC
TLHGFVHGGVTMCLMDEVAGVAARHCKTNIVTASVDAINFHDKIRKGCVITISGRMTFTSNKSMEIE
VLVDADPVVDSSQKRYRAASAFFTYVLSLQSEGRSLPVPQLVPETEDEKKRFEEGKGRYLQMKAK
KRQGHAEPPQ

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

62.92

Interspecies Antigen Sequence

Mouse (91); Rat (93)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ACOT7

Entrez GeneID[11332](#)**GeneBank Accession#**[BC017365](#)**Protein Accession#**[AAH17365](#)**Gene Name**

ACOT7

Gene Alias

ACH1, ACT, BACH, CTE-II, LACH, LACH1, MGC1126, hBACH

Gene Description

acyl-CoA thioesterase 7

Omim ID[602587](#)**Gene Ontology**[Hyperlink](#)**Gene 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]

Other Designations

OTTHUMP00000001410|OTTHUMP00000001413|OTTHUMP00000001414|acyl-CoA thioesterase 2|acyl-CoA thioesterase, long chain|brain acyl CoA hydrolase|brain acyl-CoA hydrolase|cytosolic acyl coenzyme A thioester hydrolase|long chain acyl-CoA thioester hydrolase

Pathway

- [Biosynthesis of unsaturated fatty acids](#)

Disease

- [Cerebral Hemorrhage](#)
- [Chronic Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Kidney Diseases](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)