

Recombinant Human BAAT protein, GST-tagged

Cat. No. BAAT-042H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BAAT partial ORF (NP_001692, 258 a.a. - 355 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is a liver enzyme that catalyzes the transfer of C24 bile acids from the acyl-CoA thioester to either glycine or taurine, the second step in the formation of bile acid-amino acid conjugates. The bile acid conjugates then act as a detergent in the gastrointestinal tract, which enhances lipid and fat-soluble vitamin absorption. Defects in this gene are a cause of familial hypercholanemia (FHCA). Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	36.52 kDa
AA Sequence	NGTNFPFGIPQVYHGQIHQPLPHSAQLISTNALGLLELYRTFETTQVGASQYLFPIEE AQQQFLFIVGEGDKTINSKAHAEQAIGQLKRHGKNNWTLL
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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

GENE INFORMATION

Gene Name BAAT bile acid CoA: amino acid N-acyltransferase (glycine N-choloyltransferase) [Homo sapiens]

Official Symbol BAAT

Synonyms BAAT; bile acid CoA: amino acid N-acyltransferase (glycine N-choloyltransferase); bile acid Coenzyme A: amino acid N acyltransferase (glycine N choloyltransferase); bile acid-CoA:amino acid N-acyltransferase; BAT; long-chain fatty-acyl-CoA hydrolase; bile acid Coenzyme A: amino acid N-acyltransferase (glycine N-choloyltransferase); BACAT; FLJ20300; MGC104432;

Gene ID 570

mRNA Refseq NM_001127610

Protein Refseq NP_001121082

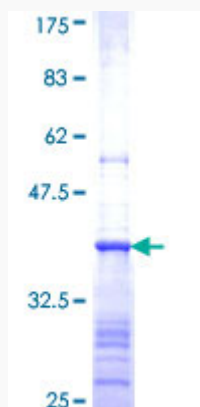
MIM 602938

UniProt ID Q14032

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