

4-aminobutyrate aminotransferase, mitochondrial (ABAT) Recombinant Protein | ABAT recombinant protein

Recombinant Human 4-aminobutyrate aminotransferase, mitochondrial (ABAT)

CATALOG # AAA113668	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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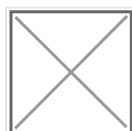
PRODUCT SYNONYMS

4-aminobutyrate aminotransferase; mitochondrial (ABAT); Recombinant Human 4-aminobutyrate aminotransferase; mitochondrial; EC=2.6.1.19; (S)-3-amino-2-methylpropionate transaminase; EC=2.6.1.22; GABA aminotransferase; GABA-AT; Gamma-amino-N-butyrate transaminase; GABA transaminase; GABA-T; L-AIBAT; ABAT recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	29-500aa; Full Length of Mature Protein
Sequence	SQAAAKVDVE FDYDGPLMKT EVPGPRSQEL MKQLNIIQNA EAVHFFCNYE ESRGNYLVDV DGNRMLDLYS QISSVPIGYS HPALLKLIQ PNASMFVNR PALGILPPEN FVEKLRQSLL SVAPKGMSQL ITMACGSCSN ENALKTIFMW YRSKERGQRG FSQEELETCM INQAPGCPDY SILSFMGAFFH GRTMGCLATT HSKAIHKIDI PSFDWPIAPF PRLKYPLEEF VKENQEEAR CLEEVEDLIV KYRKKKKTKVA GIIVEPIQSE GGDNHASDDF FRKLRDIARK HGCAFLVDEV QTGGGCTGKF WAHEHWGLDD PADVMTFSKK MMTGGFFHKE EFRPNAPYRI FNTWLGDPSK NLLAEVINI IKREDLLNNA AHAGKALLTG LLDLQARYPQ FISVRGRGT FCSFDPDDES IRNKLILIAR NKGVLGGCG DKSIRFRPTL VFRDHHALF LNIFSDILAD FK
Species	Homo sapiens (Human)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ABAT recombinant protein	Catalyzes the conversion of gamma-aminobutyrate and L-beta-aminoisobutyrate to succinate semialdehyde and methylmalonate semialdehyde, respectively. Can also convert delta-aminovalerate and beta-alanine.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38679950
NCBI GeneID	18
NCBI Accession #	NP_000654.2
NCBI GenBank Nucleotide #	NM_000663.4
UniProt Accession #	P80404; Q16260; Q8N5W2; Q96BG2; Q99800; A8K386
Molecular Weight	73.3 kDa
NCBI Official Full Name	4-aminobutyrate aminotransferase, mitochondrial
NCBI Official Synonym Full Names	4-aminobutyrate aminotransferase
NCBI Official Symbol	ABAT
NCBI Official Synonym Symbols	GABAT; NPD009; GABA-AT
NCBI Protein Information	4-aminobutyrate aminotransferase, mitochondrial; GABA transferase; GABA transaminase; GABA aminotransferase; 4-aminobutyrate transaminase; gamma-amino-N-butyrate transaminase; (S)-3-amino-2-methylpropionate transaminase
UniProt Protein Name	4-aminobutyrate aminotransferase, mitochondrial
UniProt Gene Name	ABAT
UniProt Synonym Gene Names	GABAT; GABA-AT; GABA transaminase; GABA-T
UniProt Entry Name	GABT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.