

Serotonin N-acetyltransferase (AANAT) Recombinant Protein | AANAT recombinant protein

Recombinant Human Serotonin N-acetyltransferase (AANAT)

CATALOG # AAA117741	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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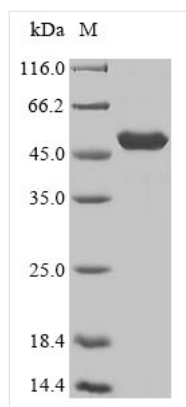
PRODUCT SYNONYMS

Serotonin N-acetyltransferase (AANAT); Recombinant Human Serotonin N-acetyltransferase (AANAT); Serotonin N-acetyltransferase; Serotonin acetylase; EC=2.3.1.87; Aralkylamine N-acetyltransferase; AA-NAT; AANAT 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	1-207aa; Full Length of Mature Protein
Sequence	MSTQSTHPLK PEAPRLPPGI PESPSCQRRH TLPASEFRCL TPEDAVSAFE IEREAFISVL GVCPLYLDEI RHFLTLCPEL SLGWFEEGCL VAFIIGSLWD KERLMQESLT LHRSGGHIAH LHVLAHVRAF RQQGRGPILL WRYLHHLGSQ PAVRRAALMC EDALVPFYER FSFHAVGPACA ITVGSLTFME LHCSLRGHPF LRRNSGC
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 AANAT recombinant protein	Controls the night/day rhythm of melatonin production in the pineal gland. Catalyzes the N-acetylation of serotonin into N-acetylserotonin, the penultimate step in the synthesis of melatonin.
Product Categories/Family for AANAT recombinant protein	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501845
NCBI GeneID	15
NCBI Accession #	NP_001079.1
NCBI GenBank Nucleotide #	NM_001088.2
UniProt Accession #	Q16613; Q562F4; A0AVF2; J3KMZ5
Molecular Weight	51.8 kDa
NCBI Official Full Name	serotonin N-acetyltransferase isoform 2
NCBI Official Synonym Full Names	aralkylamine N-acetyltransferase
NCBI Official Symbol	AANAT
NCBI Official Synonym Symbols	DSPS; SNAT
NCBI Protein Information	serotonin N-acetyltransferase; serotonin acetylase; arylalkylamine N-acetyltransferase
UniProt Protein Name	Serotonin N-acetyltransferase
UniProt Gene Name	AANAT
UniProt Synonym Gene Names	SNAT; Serotonin acetylase; AA-NAT
UniProt Entry Name	SNAT_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.

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Online datasheet: <https://www.aaabiotech.com/aanat-recombinant-protein-e-coli/117741>