

Diamine acetyltransferase 1 Recombinant Protein | SAT1 recombinant protein

Recombinant Human Diamine acetyltransferase 1

CATALOG # AAA114021	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
-------------------------------	---

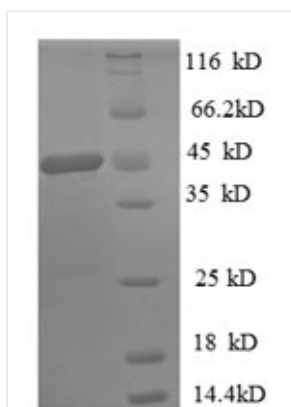
PRODUCT SYNONYMS

Diamine acetyltransferase 1; Recombinant Human Diamine acetyltransferase 1; Polyamine N-acetyltransferase 1; Putrescine acetyltransferase; Spermidine/spermine N(1)-acetyltransferase 1; SSAT; SSAT-1; SAT1 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	5-171aa; Full Length
Sequence	VIRPATAADC SDILRLIKEL AKYEYMEEQV ILTEKDLLED GFGEHPFYHC LVAEVPKEHW TPEGHSIVGF AMYYFTYDPW IGKLLYLEDF FVMSDYRGFG IGSEILKNLS QVAMRCRCSS MHFLVAEWNE PSINFYKRRG ASDLSSEEGW RLFKIDKEYL LKMATEE
Sequence Length	171
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for SAT1 recombinant protein	Enzyme which catalyzes the acetylation of polyamines. Substrate specificity: norspermidine = spermidine >> spermine > N(1)-acetylspermine > putrescine. This highly regulated enzyme allows a fine attenuation of the intracellular concentration of polyamines. Also involved in the regulation of polyamine transport out of cells. Acts on 1,3-diaminopropane, 1,5-diaminopentane, putrescine, spermidine (forming N(1)- and N(8)-acetylspermidine), spermine, N(1)-acetylspermidine and N(8)-acetylspermidine.
Product Categories/Family for SAT1 recombinant protein	Metabolism

References	Isolation and characterization of a cDNA clone that codes for human spermidine/spermine N1-acetyltransferase.Casero R.A. Jr., Celano P., Ervin S.J., Applegren N.B., Wiest L., Pegg A.E.J. Biol. Chem. 266:810-814(1991)
------------	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506789
NCBI GeneID	6303
NCBI Accession #	NP_002961.1
NCBI GenBank Nucleotide #	NM_002970.3
UniProt Accession #	P21673
Molecular Weight	46.5 kDa
NCBI Official Full Name	diamine acetyltransferase 1
NCBI Official Synonym Full Names	spermidine/spermine N1-acetyltransferase 1
NCBI Official Symbol	SAT1
NCBI Official Synonym Symbols	SAT; DC21; KFSD; SSAT; KFSDX; SSAT-1
NCBI Protein Information	diamine acetyltransferase 1
UniProt Protein Name	Diamine acetyltransferase 1
UniProt Gene Name	SAT1
UniProt Synonym Gene Names	SAT; SSAT; SSAT-1
UniProt Entry Name	SAT1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/sat1-recombinant-protein-e-coli/114021>