

Diamine N-acetyltransferase 1, 1-171 aa, Human, His-tagged, Recombinant, E.coli

Cat.NO.: TP01878

3th Edition

Synonyms:spermidine/spermine N1-acetyltransferase 1, SSAT1, DC21, KFSD, KFSDX, SAT

Description:Diamine N-acetyltransferase 1(or Spermidine/spermine-N1-acetyltransferase, SSAT1), as known as SAT-1, is a polyamine catabolic enzyme which catalyzes the acetylation of polyamines. This protein plays an important role in polyamine homoeostasis, since acetylated products are either excreted from the cell or oxidized by acetylpolyamine oxidase.

Form:Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing, 10% glycerol

Molecular Weight:22.1 kDa (191aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMAKFVIRPATAADCSDILRLIKELAKYEYMEEQVILTEKDLLEDGFGEHPPFYHCLVA
EVPKEHWTPEGHSIVGFAMYYFTYDPWIGKLLYLEDDFFVMSDYRGFGIGSEILKNLSQVAMRCRCSSMHFLVAEWN
EPSINFYKRRGASDLSSEEGWRLFKIDKEYLLKMATEE

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.