

Spermidine/Spermine N1-Acetyltransferase 1 Human Recombinant

Item Number	rAP-1974
Synonyms	Diamine acetyltransferase 1, Spermidine/spermine N(1)-acetyltransferase 1, Putrescine acetyltransferase, Polyamine N-acetyltransferase 1, SSAT-1, SSAT, SAT1, SAT, DC21, KFSD, KFSDX.
Description	SAT1 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 191 amino acids (1-171 a.a.) and having a molecular mass of 22.1kDa. The SAT1 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P21673
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MAKFVIRPAT AADCSDILRL IKELAKYEYM EEQVILTEKD LLEDGFGEHP FYHCLVAEVP KEHWTPEGHS IVGFAMYYFT YDPWIGKLLY LEDFFVMSDY RGFGIGSEIL KNLSQVAMRC RCSSMHFLVA EWNPSINFY KRRGASDLSS EEGWRLFKID KEYLLK- MATE E.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The SAT1 solution contains 20mM Tris-HCl buffer (pH8.0) and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**