

Spermidine/Spermine N1-Acetyltransferase 2 Human Recombinant

Item Number	rAP-1997
Synonyms	Spermidine/spermine N1-acetyltransferase family member 2, Polyamine N-acetyltransferase 2, SSAT2, Thialysine N-epsilon-acetyltransferase, diamine acetyltransferase 2, S, EC 2.3.1.57.
Description	SAT2 Human Recombinant produced in E. coli is a single polypeptide chain containing 190 amino acids (1-170) and having a molecular mass of 21.0kDa. SAT2 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q96F10
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MASVRIREAK EGDCGDILRL IRELAEFEKL SDQVKISEEA LRADGFGDNP FYHCLVAEIL PAPGKLLGPC VVGYGIIYFI YSTWKGRTIY LEDIYVMPEY RGQGIGSKII KKVAEVALDK GCSQFRLAVL DWNQRAMDLY KALGAQLTE AEGWHFFCFQ GEATRKLAKG
Source	E.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 SAT2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol. Greater than 95% 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**