



# SAT1 Protein Crystal

Catalog: CBCRY21

## PRODUCT INFORMATION

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Name	SAT1 Protein Crystal
Cat No.	CBCRY21
Fragment	Full length
Protein Description	Diamine Acetyltransferase 1
Background	Spermidine/spermine N(1)-acetyltransferase (SSAT; EC 2.3.1.57) is a rate-limiting enzyme in the catabolic pathway of polyamine metabolism. It catalyzes the N(1)-acetylation of spermidine and spermine and, by the successive activity of polyamine oxidase, spermine can be converted to spermidine and spermidine to putrescine.
Protein Classification	Transferase
Structure Weight	42238.60 Da
Method	X-Ray Diffraction
Resolution	1.8Å
Reference	Zhu, Y.Q., Zhu, D.Y., Yin, L., Zhang, Y., Vornrhein, C., Wang, D.C. (2006) Crystal structure of human spermidine/spermine N1-acetyltransferase (hSSAT): the first structure of a new sequence family of transferase homologous superfamily Proteins 63: 1127-1131