



# SAT1 Protein Crystal

Catalog: CBCRY21

## PRODUCT INFORMATION

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<b>Name</b>	SAT1 Protein Crystal
<b>Cat No.</b>	CBCRY21
<b>Fragment</b>	Full length
<b>Protein Description</b>	Diamine Acetyltransferase 1
<b>Background</b>	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.
<b>Protein Classification</b>	Transferase
<b>Structure Weight</b>	42238.60 Da
<b>Method</b>	X-Ray Diffraction
<b>Resolution</b>	1.8Å
<b>Reference</b>	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