

Recombinant Human SAT1, GST-tagged

Cat. No. SAT1-2515H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SAT1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-171aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	SAT1 spermidine/spermine N1-acetyltransferase 1 [Homo sapiens]
Official Symbol	SAT1
Synonyms	SAT1; spermidine/spermine N1-acetyltransferase 1; SAT, spermidine/spermine N1 acetyltransferase; diamine acetyltransferase 1; diamine N acetyltransferase 1; SSAT; putrescine acetyltransferase; diamine N-acetyltransferase 1; polyamine N-acetyltransferase 1; spermidine/spermine N(1)-acetyltransferase 1;

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	spermidine/spermine N1-acetyltransferase alpha; SAT; DC21; KFSD; KFSDX; SSAT-1;
Gene ID	6303
mRNA Refseq	NM_002970
Protein Refseq	NP_002961
MIM	313020
UniProt ID	P21673
Chromosome Location	Xp22.1
Pathway	Arginine and proline metabolism, organism-specific biosystem; Arginine and proline metabolism, conserved biosystem; GABA biosynthesis, eukaryotes, putrescine =>GABA, organism-specific biosystem; GABA biosynthesis, eukaryotes, putrescine => GABA, conserved biosystem; Interconversion of polyamines, organism-specific biosystem;
Function	diamine N-acetyltransferase activity; protein binding; spermidine binding; transferase activity, transferring acyl groups;