

Product datasheet for **TP304044L**

SAT2 (NM_133491) Human Recombinant Protein

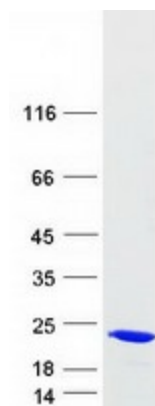
Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human spermidine/spermine N1-acetyltransferase family member 2 (SAT2), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204044 protein sequence Red =Cloning site Green =Tags(s)
	 MASVRIEAKEGDCGDILRLIRELAEFEKLSQVKISEEALRADGFGDNPYHCLVAEILPAPGKLLGPC VVGYYIYFYSTWKGRTIYLEDIYVMPEYRGQGIGSKIKKVAEVALDKGCSQFRLAVLDWNQRAMDLY KALGAQDLTEAEGWHFFCFQGEATRKLAKG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	19 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_597998</u>
Locus ID:	112483
UniProt ID:	<u>Q96F10</u>



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RefSeq Size:	983
Cytogenetics:	17p13.1
RefSeq ORF:	510
Synonyms:	SSAT2
Summary:	Enzyme which catalyzes the acetylation of polyamines. Substrate specificity: norspermidine > spermidine = spermine >> N(1)acetylspermine = putrescine.[UniProtKB/Swiss-Prot Function]
Protein Pathways:	Arginine and proline metabolism, Metabolic pathways

Product images:

Coomassie blue staining of purified SAT2 protein (Cat# [TP304044]). The protein was produced from HEK293T cells transfected with SAT2 cDNA clone (Cat# [RC204044]) using MegaTran 2.0 (Cat# [TT210002]).