Product datasheet for PH304044

SAT2 (NM_133491) Human Mass Spec Standard

Product data:

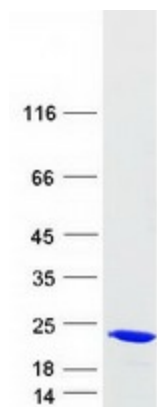|	
Product Type:	Mass Spec Standards
Description:	SAT2 MS Standard C13 and N15-labeled recombinant protein (NP_597998)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204044
Predicted MW:	19.2 kDa
Protein Sequence:	>RC204044 protein sequence Red=Cloning site Green=Tags(s) MASVRIREAKEGDCGDILRLIRELAEFEKLSDQVKISEEALRADGFGDNPFYHCLVAEILPAPGKLLGPC VVGYGIYYFIYSTWKGRTIYLEDIYVMPEYRGQGIGSKIIKKVAEVALDKGCSQFRLAVLDWNQRAMDLY KALGAQDLTEAEGWHFFCFQGEATRKLAGK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_597998
RefSeq Size:	983
RefSeq ORF:	510
Synonyms:	SSAT2
Locus ID:	112483
UniProt ID:	Q96F10

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Cytogenetics:	17p13.1
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]).