

Product datasheet for PH308719

SAMD4B (NM_018028) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SAMD4B MS Standard C13 and N15-labeled recombinant protein (NP_060498)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208719
Predicted MW:	75.5 kDa
Protein Sequence:	>RC208719 protein sequence Red=Cloning site Green=Tags(s)

MMFRDQVGILAGWFKGWNECEQTVALLSLLKRVTRTQARFLQLCLEHSLADCNDIHLLESEANSAIIVSQ
WQQESKEKVVSLLLSHLPLLQPGNTEAKSEYMRLQKVLAYSIESNAFIEESRQLLSYALIHPTTLEDR
NALALWLSHLEERLASGFRSRPEPSYHSRQGSDEWGGPAELGPGEAGPGWQDKPPRENGHVFPHPSSSVP
PAINSIGSNANTGLPCQIHPSPLKRSMILPTSPQVPGEWPSPEELGARAFTTPDHAPLSPQSSVASSG
SEQTEEQGSSRNFTQEDGSGMKDVPSWLKSLRLHKYAAALFSQMSYEEMTLTEQHLESQNVTKGARHKIA
LSIQKLRERQSVLKSLEKDVLEGGNLRNALQELQQIIITPIKAYSVLQATVAAATTTPTAKDGAPGEPPL
PGAEPPLAHPGTDKGTEAKDPPAVENYPPPPAPAPTGDSEPPAPVADGDIPSQFTRVMGKVCTQLLVSR
PDEENITSYLQLIEKCLTHEAFTEQKRLLSWKQVVKLLRTPRKAALQMNYRQKQGWAFGNSLPI
AGSVGMGVARRTQRQFMPMPRALPPGRMGLLSPSGIGGVSPRHALTSPSLGGQGRQNLWFANPGGSNSMP
SQSRSSVQRTHSLPVHSSPQAILMFPDPCVPGPDLEINPTLESLCLSMTEHALGDGTDKSTI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

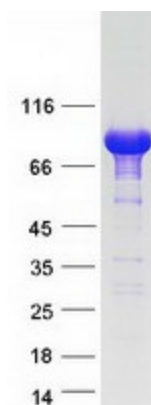
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_060498
RefSeq Size:	4543



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RefSeq ORF:	2082
Synonyms:	Smaug2; SMGB
Locus ID:	55095
UniProt ID:	Q5PRF9 , A0A024R0N7
Cytogenetics:	19q13.2
Summary:	Has transcriptional repressor activity. Overexpression inhibits the transcriptional activities of AP-1, p53/TP53 and CDKN1A.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified SAM4B protein (Cat# [TP308719]). The protein was produced from HEK293T cells transfected with SAM4B cDNA clone (Cat# [RC208719]) using MegaTran 2.0 (Cat# [TT210002]).