

Product datasheet for **TP308719**

SAMD4B (NM_018028) Human Recombinant Protein

Product data:

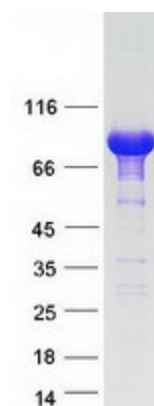
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human sterile alpha motif domain containing 4B (SAMD4B), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC208719 protein sequence
Clone or AA	Red=Cloning site Green=Tags(s)
Sequence:	MMFRDQVGILAGWFKGWNECEQTVALLSLLKRVTRTQARFLQLCLEHSLADCNDIHLLESEANSAAIVSQ WQQESKEKVSLLLSHLPLLQPGNTEAKSEYMRLQKVLAYSIESNAFIEESRQLLSYALIHPTTLEDR NALALWLSHLEERLASGFRSRPEPSYHSRQGSDEWGGPAELGPGEAGPGWQDKPPRENGHVPFHPSSSVP PAINSIGSNANTGLPCQIHPSPLKRMSLIPTSPQVPGEWPSPEELGARAFTTPDHAPLSPQSSVASSG SEQTEEQGSSRNTFQEDGSGMKDVPSWLKSLRLHKYAAALFSQMSYEEMMTLTEQHLESQNVTKGARHKIA LSIQLRERQSVLKSLEKDVLEGGNLRNALQELQQIIITPIKAYSVLQATVAAATTTPTAKDGAPGEPL PGAEPPLAHPGTDKGTEAKDPPAVENYPPPPAPAPTDGSEPAPAPVADGDIPSQFTRVMGKVCTQLLVSR PDEENITSYLQIEKCLTHEFTETQKKRLLSWKQQVLKLLRTFPRKAALEMQNYRQQKGWAFGSNSLPI AGSVGMGVARRTQRQFPMPPRALPPGRMGLLSPSGIGGVSPRHALTSPSLGGQGRQNLWFANPGGSNSMP SQSRSSVQRTSHSLPVHSSPQAILMFPDPCVPDPDLEINPTLESCLSMTEHALGDGTDKTSTI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	75.3 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.



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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_060498</u>
Locus ID:	55095
UniProt ID:	<u>Q5PRF9</u>
RefSeq Size:	4543
Cytogenetics:	19q13.2
RefSeq ORF:	2082
Synonyms:	Smaug2; SMGB
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 SAMD4B protein (Cat# TP308719). The protein was produced from HEK293T cells transfected with SAMD4B cDNA clone (Cat# [RC208719]) using MegaTran 2.0 (Cat# [TT210002]).