

## Product datasheet for **TP307305M**

### **SMYD4 (NM\_052928) Human Recombinant Protein**

#### Product data:

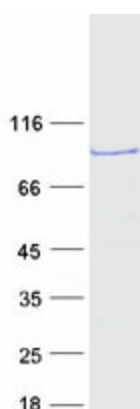
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human SET and MYND domain containing 4 (SMYD4), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207305 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MDLPVDEWKSYPYLLQKQWASLPTSVQVTISTAETLRDIFLHSSLLQPEDELFLKRLSKGYLVGKDSAPLF YREEGNKKFQEKDYTGAAVLYSKGVSHSRPNTEDMSLCHANRSAALFHLGQYETCLKDINIAQTHGYPER LQPKIMLRKAECLEVALGRLQEASQTISDLERNFTATPALADVLPQTLQRNLHRLKMKMQEKDSLTFSPA ALAKTLEDAALREENEQLSNASSSIGLCVDPLKGRCLVATKDILPGELLVQEDAFVSVLNPGLPPP HHG LDSKWDTRVTNGDLYCHRCLKHTLATVPCDGC SYAKYCSQECLQQVWELYHRTECPLGGLLLTLGVFCHI ALRLTLLVGFEDVRKIITKCLKDKISNKDICLPESNNQVKTLNYGLGESEKNGNIVETPIPGCDINGKYEN NYNAVFNLLPHTENHSPEHKFLCALCVSALCRQLEAASLQAIPTERIVNSSQLKAAVTPELCPDVTI WGV AMLRHMLQLQCNAQAMTTIQHTGPKGSIVTDSRQVRLATGIFPVISLLNHSCSPNTSVSFISTVATIRAS QRIRKGQEILHCYGP HKS RMGVAERQQKLR SQYFFDCAC PACQTEAHRMAAGPRWEAFCCNSCGAPMQGD DVLRCGSRSCAESAVSRDHLVSRQLDLQQQVRVAQKLLRDGELERAVQRLSGCQRDAESFLWAEHAVGGE IADGLARACAALGDWQKSATHLQRSLCVVEVRHGPSSVEMGHELKLAQIFFNGFAVPEALSTIQKAEV LSLHCGPWDDEIQELQKMKSCLLDLPTVPVGPAL</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-Myc/DDK
Predicted MW:	89 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.



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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:	<a href="#">NP_443160</a>
Locus ID:	114826
UniProt ID:	<a href="#">Q8IYR2</a>
RefSeq Size:	4349
Cytogenetics:	17p13.3
RefSeq ORF:	2412
Synonyms:	ZMYND21

### Product images:



Coomassie blue staining of purified SMYD4 protein (Cat# [TP307305]). The protein was produced from HEK293T cells transfected with SMYD4 cDNA clone (Cat# [RC207305]) using MegaTran 2.0 (Cat# [TT210002]).