

## Product datasheet for PH307305

### SMYD4 (NM\_052928) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	SMYD4 MS Standard C13 and N15-labeled recombinant protein (NP_443160)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207305
Predicted MW:	89.2 kDa
Protein Sequence:	>RC207305 protein sequence Red=Cloning site Green=Tags(s)

MDLPVDEWKS YLLQKWASLPTS VQVTIST AETLRDIFLHSSLLQPEDELFLKRLSKGYLVGKDS DAPLF  
YREEGNKKFQEKDYTGAAVLYSGVSHSRPNTEDMSLCHANRSAALFHLGQYETCLKDINIAQTHGYPER  
LQPKIMLRKA ECLVALGRLQEASQTISDLERNFTATPALADVLPQTLQRNLHRLKMKMQEKDSL TESFPA  
ALAKTLEDAALREENEQLSNASSIGLCVDPLKGRCLVATKDILPGELLVQEDAFVSVLNP GELPPPHHG  
LDSKWDTRVTNGDLYCHRCLKHTLATVPCDGC SYAKYCSQECLQQVWEL YHRTECPLGGLLLTLGVFCHI  
ALRLTLLVGFEDVRKIIITKLCDKISNKD ICLPESNNQVKTLNYGLGESEKNGNIVETPIPGCDINGKYEN  
NYNAVFNLLPHTENHSPEHKFLCALCVSALCRQLEAASLQAIP TERIVNSSQLKAAVTPELCPDVTIWGV  
AMLRHMLQLQCNAQAMTTIQHTGPKGSI VTD SRQVRLATGIFPVISLLNHSCSPNTSVSFI STVATIRAS  
QRIRKGGQEILHCYGPHKSRMGVAERQQK LRSQYFFDCAC PACQTEAHRMAAGPRWEAFCCN SCGAPMQGD  
DVLRCGSRSCAESAVSRDHLVSRLQDLQQV RVAQKLLRDGELERAVQRLSGCQRDAESFLWAEHAVVGE  
IADGLARACAALGDWQKSATHLQRSLCVVEVRHGPSSVEMGHELFKLAQIFFNGFAVPEALSTIQKAE EV  
LSLHCGPWDEIQELQKMKSCLLDL PPTPVGPAL

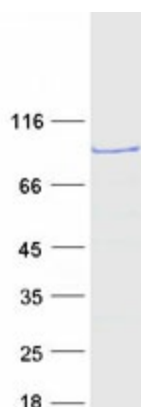
TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_443160</a>



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RefSeq Size:	4349
RefSeq ORF:	2412
Synonyms:	ZMYND21
Locus ID:	114826
UniProt ID:	<u>Q8IYR2</u>
Cytogenetics:	17p13.3

**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]).