

Product datasheet for PH305933

SMYD3 (NM_022743) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SMYD3 MS Standard C13 and N15-labeled recombinant protein (NP_073580)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205933
Predicted MW:	49.1 kDa
Protein Sequence:	>RC205933 protein sequence Red=Cloning site Green=Tags(s)

MEPLKVEKFATANRGNLRAVTPLRPGELLFRSDPLAYTVCKGSRGVVCDRCLLGKEKLMRCSQCRVAKY
CSAKCQKKAWPDHKRECKCLKSCKPRYPDSVRLLRVVFVKLMDGAPSESEKLYSFYDLESNINKLTEDR
KEGLRQLVMTFQHFMRREEIQDASQLPPAFDLFEAFKVICNSFTICNAEMQEVGVLGPSISLLNHSCDP
NCSIVFNPHLLLRAVRDIEVGEELTICYLDMLMTSEERRKQLRDQYCFECDCFCRQTQDKDADMLTGDE
QVWKEVQESLKKIEELKAHWKWEQVLAMCQAIISSNSERLPDINIYQLKVLDCAMDACINLGLLEEALFY
GTRTMEPYRIFFPGSHPVVRGVQVMKVGKQLHQGMFPQAMKNLRLAFDIMRVTHGREHSLIEDLILLLEE
CDANIRAS

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	<u>NP_073580</u>
RefSeq Size:	1469
RefSeq ORF:	1284
Synonyms:	bA74P14.1; KMT3E; ZMYND1; ZNFN3A1



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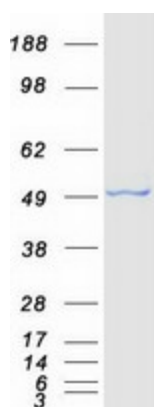
Locus ID: 64754

UniProt ID: [Q9H7B4](#)

Cytogenetics: 1q44

Summary: This gene encodes a histone methyltransferase which functions in RNA polymerase II complexes by an interaction with a specific RNA helicase. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]

Product images:



Coomassie blue staining of purified SMYD3 protein (Cat# [TP305933]). The protein was produced from HEK293T cells transfected with SMYD3 cDNA clone (Cat# [RC205933]) using MegaTran 2.0 (Cat# [TT210002]).