

Product datasheet for **TP305933L**

SMYD3 (NM_022743) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human SET and MYND domain containing 3 (SMYD3), 1 mg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC205933 protein sequence
Red=Cloning site **Green**=Tags(s)

MEPLKVEKFATANRGNGLRAVTPLRPGELLFRSDPLAYTVCKGSRGWCDRCLLGKEKLMRCSQCRVAKY
CSAKCQKKAHPDCHKRECKCLKSCKPRYPDSVRLGGRVFKLMDGAPSESEKLYSYFDLESNINKLTEDR
KEGLRQLVMTFQHFMRREEIQDASQLPPAFDLFEAFKVICNSFTICNAEMQEVGVLPSISLLNHSCDP
NCSIVFNPHLLLRAVRDIEVGEELTICYLDMLMTSEERRQLRDQYCFECDFRCQTQDKDADMLTGDE
QVWKEVQESLKKIEELKAHWKWEQVLAMCQAISSNSERLPDINIYQLKVLDCAMDACINLGLLEALFY
GTRTMEPYRIFFPGSHPVGRGVQVMKVGKQLHQGMFPQAMKNLRLAFDIMRVTHGREHSLIEDLILLLEE
CDANIRAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 42.4 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.

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: [NP_073580](#)

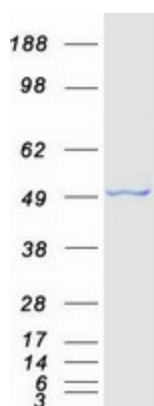


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Locus ID: 64754
UniProt ID: [Q9H7B4](#)
RefSeq Size: 1469
Cytogenetics: 1q44
RefSeq ORF: 1284
Synonyms: bA74P14.1; KMT3E; ZMYND1; ZNFN3A1

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]).