

Recombinant Human SMYD3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SMYD3-3102H Lot. No. (See product label)

SPECIFICATION

Product Overview

SMYD3 MS Standard C13 and N15-labeled recombinant protein (NP_073580) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

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.

Molecular Mass

49.1 kDa

AA Sequence

MEPLKVEKFATANRGNGLRAVTPLRPGELLFRSDPLAYTVCKGSRGVVCDRCLLGK
 EKLMRCSQCRVAKYCSAKCQKKA WPDHKRECKCLKSCKPRYP PDSVRL LGRV VFK
 LMDGAPSESEKLYSFYDLESNINKL TEDRKEGLRQLVMTFQHFMR EEIQDASQLPPA
 FDLFEAFKVICNSFTICNAEMQEVGVGLYPSISLLNHSCDPNCSIVFN GPHLLLRAV
 RDIEVGEELTICYLDMLMTSEERRKQLRDQYCFECDCFR CQTQDKDADMLTGDEQV
 WKEVQESLKKIEELKAHWKWEQVLAMCQAISSNSERLPDINIYQLKVLDCAMDACIN
 LGLLEEALFYGTRTMEPYRIFFP GSHPV RGVQVMKVGK LQLHQGMFPQAMKNLRLA
 FDIMRVTHGREHSLIEDLILLLEECDANIRASTRTRPLEQKLISEEDLAANDILDYKDDD
 DKV

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

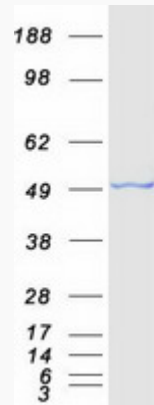
Gene Name	SMYD3 SET and MYND domain containing 3 [Homo sapiens (human)]
Official Symbol	SMYD3
Synonyms	SMYD3; SET and MYND domain containing 3; zinc finger, MYND domain containing 1, ZMYND1, ZNFN3A1; SET and MYND domain-containing protein 3; KMT3E; bA74P14.1 (novel protein); zinc finger, MYND domain containing 1; zinc finger MYND domain-containing protein 1; zinc finger protein, subfamily 3A (MYND domain containing), 1; ZMYND1; ZNFN3A1; bA74P14.1; FLJ21080; MGC104324;
Gene ID	64754
mRNA Refseq	NM_022743
Protein Refseq	NP_073580
MIM	608783
UniProt ID	Q9H7B4

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SDS-PAGE



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