Recombinant Human SMYD2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SMYD2-3479H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SMYD2 MS Standard C13 and N15-labeled recombinant protein (NP_064582) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	SET domain-containing proteins, such as SMYD2, catalyze lysine methylation.
Molecular Mass	49.5 kDa
AA Sequence	MRAEGLGGLERFCSPGKGRGLRALQPFQVGDLLFSCPAYAYVLTVNERGNHCEYC FTRKEGLSKCGRCKQAFYCNVECQKEDWPMHKLECSPMVVFGENWNPSETVRLT ARILAKQKIHPERTPSEKLLAVKEFESHLDKLDNEKKDLIQSDIAALHHFYSKHLEFPD NDSLVVLFAQVNCNGFTIEDEELSHLGSAIFPDVALMNHSCCPNVIVTYKGTLAEVRA VQEIKPGEEVFTSYIDLLYPTEDRNDRLRDSYFFTCECQECTTKDKDKAKVEIRKLSD PPKAEAIRDMVRYARNVIEEFRRAKHYKSPSELLEICELSQEKMSSVFEDSNVYMLH MMYQAMGVCLYMQDWEGALQYGQKIIKPYSKHYPLYSLNVASMWLKLGRLYMGLE HKAAGEKALKKAIAIMEVAHGKDHPYISEIKQEIESHTRTRPLEQKLISEEDLAANDILD YKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

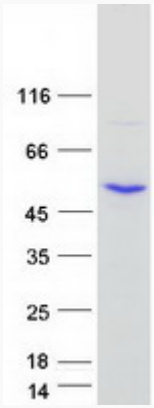
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	conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	SMYD2 SET and MYND domain containing 2 [Homo sapiens (human)]
Official Symbol	SMYD2
Synonyms	SMYD2; SET and MYND domain containing 2; N-lysine methyltransferase SMYD2; HSKM B; KMT3C; ZMYND14; lysine N-methyltransferase 3C; histone methyltransferase SMYD2; zinc finger, MYND domain containing 14; SET and MYND domain-containing protein 2; HSKM-B; MGC119305;
Gene ID	56950
mRNA Refseq	NM_020197
Protein Refseq	NP_064582
MIM	610663
UniProt ID	Q9NRG4

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SDS-PAGE	

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