

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 NDSLVLVFAQVNCNGFTIEDEELSHLGS AIFPDVALMNHSCCPNVIVTYKGT LAEVRA VQEIKPGEEVFTSYIDLLYPTEDRNDRLRDSYFFTCCECQECTTKDKDKAKVEIRKLSD PPKAEAIRDMVRYARNVIEEFRAKHYSKSPSELLEICELSQEKMSVFEFSDSNVYMLH MMYQAMGVCLYMQDWEGALQYGQKIIKPYSKHYPYSLNVASMWLKLGRLYMGLE 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

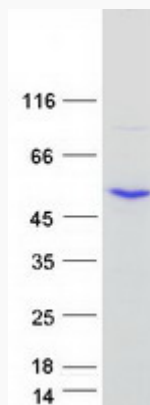
MIM 610663

UniProt ID Q9NRG4

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SDS-PAGE

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