

Recombinant Human SMYD2, His-tagged

Cat. No. SMYD2-2828H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SMYD2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-272aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	SMYD2 SET and MYND domain containing 2 [Homo sapiens]
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;

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Gene ID	56950
mRNA Refseq	NM_020197
Protein Refseq	NP_064582
MIM	610663
UniProt ID	Q9NRG4
Chromosome Location	1q32.3
Pathway	p53 pathway, organism-specific biosystem;
Function	RNA polymerase II core binding; histone methyltransferase activity (H3-K36 specific); metal ion binding; methyltransferase activity; p53 binding; protein binding; protein-lysine N-methyltransferase activity; transferase activity; zinc ion binding;

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