

Recombinant Human SMYD2 Protein, His-tagged

Cat. No. SMYD2-200H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SMYD2 protein, fused with N-terminal His-tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-433
Form	20 mM Tris/HCl, pH 8.0, 120 mM NaCl, 1 mM TCEP, 1 mM ZnCl ₂ , 10% (w/v) glycerol
Molecular Mass	52.0 kDa
Purity	>90% by SDS-PAGE
Storage	Store at -80centigrade. Thaw quickly and store on ice before use. Avoid repeated freezing and thawing cycles.

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;

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	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; MG
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;