

Recombinant Human SMYD2

Cat. No. SMYD2-27745TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human KMT3C / SMYD2 with an N terminal proprietary tag; 70 kDa inclusive of tag.
Species	Human
Source	Sf9 Cells
ProteinLength	371 amino acids
Description	SET domain-containing proteins, such as SMYD2, catalyze lysine methylation (Brown et al.
Molecular Weight	70.000kDa inclusive of tags
Form	Liquid
Purity	by SDS-PAGE
Storage buffer	Preservative: None Constituents: 25% Glycerol, 50mM Sodium chloride, 50mM Tris HCl, 10mM Glutathione, 0.25mM DTT, 0.1mM EDTA, 0.1mM PMSF, pH 7.5
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequence	Contains 1 MYND-type zinc finger.Contains 1 SET domain.

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Similarities
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;
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;

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