

Active Recombinant Human SMYD5, FLAG-tagged

Cat. No. SMYD5-75H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Smyd5 (accession number NP_006053.2) was expressed in Sf9 cells and contains an N-terminal FLAG tag with an observed molecular weight of 49 kDa.
Species	Human
Source	Sf9 Cells
Description	SET and MYND domain-containing protein 5 (Smyd5) is a member of the Smyd family of histone methyltransferases. Smyd5 has been reported to mediate methylation of H4K20 and may methylate non-histone substrates as well.
Form	20 mM Tris-HCl pH 7.4, 150 mM NaCl and 20% glycerol.
Bio-activity	Specifically mediates the methylation of H4K20 and may methylate non-histone substrates.
Applications	Enzyme kinetics, inhibitor screening, and selectivity profiling.
Storage	Recombinant proteins in solution are temperature sensitive and must be stored at -80°C to prevent degradation. Avoid repeated freeze/thaw cycles and keep on ice when not in storage.
Concentration	0.3 mg/ml

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GENE INFORMATION

Gene Name	SMYD5 SMYD family member 5 [Homo sapiens]
Official Symbol	SMYD5
Synonyms	SMYD5; SMYD family member 5; RAI15, retinoic acid induced 15; SET and MYND domain-containing protein 5; NN8 4AG; RRG1; ZMYND23; retinoic acid induced 15; retinoic acid responsive; retinoic acid-induced protein 15; RAI15; NN8-4AG;
Gene ID	10322
mRNA Refseq	NM_006062
Protein Refseq	NP_006053
UniProt ID	Q6GMV2
Chromosome Location	2p12
Function	metal ion binding; molecular_function;

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