

Recombinant Human SMYD2 Protein, His-tagged

Cat. No. SMYD2-300H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SMYD2 Protein(NP_064582.2) (Met 1-His 433) was expressed in Insect Cells, with a polyhistidine tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-433 aa
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, 10% glycedrol, pH 8.0.
Molecular Mass	The recombinant human SMYD2 consists of 451 amino acids and predicts a molecular mass of 52 kDa. It migrates as an approximately 48 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 97 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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protein Refseq-Weblink http://www.ncbi.nlm.nih.gov/protein/NP_064582.2

Unit ID Q9NRG4

Unit ID-Weblink <https://www.uniprot.org/uniprotkb/Q9NRG4>

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;

Gene ID [56950](#)

mRNA Refseq [NM_020197](#)

protein Refseq NP_064582

MIM [610663](#)

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