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.

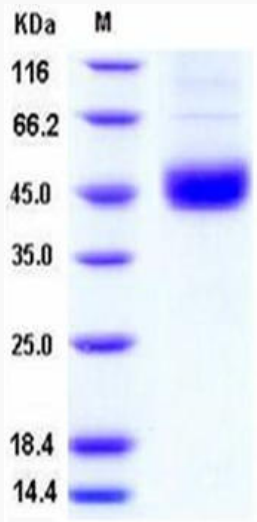
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE	

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA