

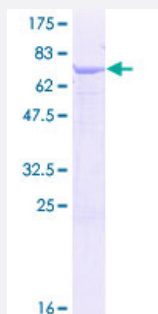
Full-Length

SMYD2 (Human) Recombinant Protein (P01)

Catalog # H00056950-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SMYD2 full-length ORF (NP_064582.1, 1 a.a. - 433 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MRAEGLGGLERFCSPGKGRGLRALQPFQVGDLLFSCPAYAYLTVNERGNHCEYCFTRKEGLSK
CGRCKQAFYCNVECQKEDWPMHKLECSPMVVFGENWNPSETVRLTARILAKQKHPERTPSEK
LLAVKEFESHLDKLDNEKKDLIQSDIALHHFYSKHLGFPDNDLVVLFQVNCNGFTIEDEELSH
LGSAIFPDVALMNHSCCPNVVITYKGTAEVRAVQEIKPGEEVFTSYDLLYPTEDRNDRLRDSYFF
TCECQECTTKDKDKAKVEIRKLSDPKAEAIRDMVRYARNVIEEFRAKHYKSPSELLEICELSQE
KMSSVFEDSNVYMLHMMYQAMGVCLYMQDWEGALQYGQKIKPYSKHYPLYSNLVASMWLKLGRL
LYMGLEHKAAGEKALKKAIAMEVAHGKDHPISEIKQEIESH

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

76.1

Interspecies Antigen Sequence

Rat (93)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SMYD2

Entrez GeneID	56950
GeneBank Accession#	NM_020197.1
Protein Accession#	NP_064582.1
Gene Name	SMYD2
Gene Alias	HSKM-B, KMT3C, MGC119305, ZMYND14
Gene Description	SET and MYND domain containing 2
Omim ID	610663
Gene Ontology	Hyperlink
Gene Summary	SET domain-containing proteins, such as SMYD2, catalyze lysine methylation (Brown et al., 2006 [PubMed 16805913]).[supplied by OMIM]
Other Designations	OTTHUMP00000035134 zinc finger, MYND domain containing 14

Disease

- [Celiac Disease](#)

- [Genetic Predisposition to Disease](#)