SET and MYND Domain-Containing Protein 5 (smyd5) Xenopus Laevis Recombinant Protein

PRODUCT OVERVIEW

Product Name	SET and MYND domain-containing protein 5 (smyd5), Recombinant Protein
Full Product Name	Recombinant Xenopus laevis SET and MYND domain-containing protein 5 (smyd5)
Product Gene Name	smyd5 recombinant protein
Product Synonym Gene Name	smyd5
Sequence	MAASMCDVFA FCAEQEPARR TVEIRFVSSG KGKGLFAIRT IRKGETIFQE KPLVSSQFQW NALYRYRACD HCLRSLETAE ENAQRLSGNA HVLLPYPELC TVRNGLHQQC PRCQVTYCSA ECLKAAAEQY HQILCLETSR DNPAHPLNKL EEAWRNMHYP PETASIMLMA RMVGTIKQAQ DKDWWLHLFS QFCNKTANEE EEIVHKLLGE KFKGQLDQLR RLFVDALYEE RMSRWFTPEG FRSLFALVGT NGQGIGTSSL SQWVHACDAL ELPPRDREKL DALIDQLYKD IEKVTGEFLN CEGSGLYLLQ SCCNHSCVPN AEASFPDNNF ILHLTALEDI QPGEEICISY LDCCQRDRSR HSRQKILREN YLFMCSCPKC LAQADEPDIT SEEEEEEEEE DDAELEGEPE DAELEDEMTD V
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	48,219 Da
Sequence Positions	1-421, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q6GPQ4
Species	Xenopus laevis (African clawed frog)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for smyd5 recombinant protein	MBS1355284 is a recombinant protein targeting smyd5. Also known as Recombinant Xenopus laevis SET and MYND domain-containing protein 5 (smyd5). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of smyd5 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for smyd5. It may not necessarily be applicable to this product.

NCBI GI #	148235066
NCBI GeneID	444061
NCBI Accession #	NP_001085635.1

UniProt Primary Accession #	Q6GPQ4
UniProt Related Accession #	Q6GPQ4
GenBank Nucleotide #	NM_001092166.1
NCBI Official Full Name	SET and MYND domain-containing protein 5
NCBI Official Synonym Full Names	SMYD family member 5 L homeolog
NCBI Official Symbol	smyd5.L
NCBI Official Synonym Symbols	smyd5
UniProt Protein Name	SET and MYND domain-containing protein 5
Protein Family	SET and MYND domain-containing protein
UniProt Gene Name	smyd5
NCBI Protein Information	SET and MYND domain-containing protein 5
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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