Histone-Lysine N-Methyltransferase SETD1B (SETD1B) Chicken Recombinant Protein

PRODUCT OVERVIEW

Product Name	Histone-lysine N-methyltransferase SETD1B (SETD1B), Recombinant Protein
Full Product Name	Recombinant Chicken Histone-lysine N-methyltransferase SETD1B (SETD1B), partial
Product Gene Name	SETD1B recombinant protein
Product Synonym Gene Name	SETD1B
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	223,085 Da
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 Q5F3P8
Species	Chicken
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SETD1B recombinant protein	MBS1420209 is a recombinant protein targeting SETD1B. Also known as Recombinant Chicken Histone-lysine N-methyltransferase SETD1B (SETD1B), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of SETD1B 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 SETD1B. It may not necessarily be applicable to this product.

NCBI GI #	71897211
NCBI GeneID	416851
NCBI Accession #	NP_001025832.1
UniProt Primary Accession #	Q5F3P8
UniProt Related Accession #	Q5F3P8
GenBank Nucleotide #	NM_001030661.1
NCBI Official Full Name	histone-lysine N-methyltransferase SETD1B
NCBI Official Synonym Full Names	SET domain containing 1B

NCBI Official Symbol	SETD1B
NCBI Official Synonym Symbols	SETD1A
UniProt Protein Name	Histone-lysine N-methyltransferase SETD1B
UniProt Synonym Protein Names	SET domain-containing protein 1B
Protein Family	Histone-lysine N-methyltransferase
UniProt Gene Name	SETD1B
NCBI Protein Information	histone-lysine N-methyltransferase SETD1B
UniProt Comments for SETD1B	Histone methyltransferase that specifically methylates 'Lys-4' of histone H3, when part of the SET1 histone methyltransferase (HMT) complex, but not if the neighboring 'Lys-9' residue is already methylated. H3 'Lys-4' methylation represents a specific tag for epigenetic transcriptional activation ().
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