Sulfate Adenylyltransferase (MET3), Partial (MET3) Debaryomyces Hansenii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Sulfate adenylyltransferase (MET3), partial, Recombinant Protein
Full Product Name	Recombinant Debaryomyces hansenii Sulfate adenylyltransferase (MET3), partial
Product Gene Name	MET3 recombinant protein
Product Synonym Gene Name	MET3; DEHA2D06138g
Product Synonym Names	Sulfate adenylyltransferase; EC=2.7.7.4; ATP-sulfurylase; Sulfate adenylate transferase; SAT
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	59,449 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 Q6BSU5
Species	Debaryomyces hansenii (strain 36239 / CBS 767 / JCM 1990 / NBRC 0083 / IGC 2968) (Yeast) (Torulaspora hansenii)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for MET3 recombinant protein	MBS1394773 is a recombinant protein targeting MET3. Also known as Recombinant Debaryomyces hansenii Sulfate adenylyltransferase (MET3), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of MET3 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 MET3. It may not necessarily be applicable to this product.

NCBI GI #	50420379
NCBI GeneID	2901244
NCBI Accession #	XP_458725.1
UniProt Primary Accession #	Q6BSU5
UniProt Related Accession #	Q6BSU5
GenBank Nucleotide #	XM_458725.2
NCBI Official Full Name	DEHA2D06138p

NCBI Official Symbol	DEHA2D06138g
UniProt Protein Name	Sulfate adenylyltransferase
UniProt Synonym Protein Names	ATP-sulfurylase; Sulfate adenylate transferase
Protein Family	Sulfate adenylyltransferase
UniProt Gene Name	MET3
UniProt Synonym Gene Names	SAT
UniProt Entry Name	MET3_DEBHA
NCBI Protein Information	DEHA2D06138p
UniProt Comments for MET3	Catalyzes the first intracellular reaction of sulfate assimilation, forming adenosine-5'-phosphosulfate (APS) from inorganic sulfate and ATP. Plays an important role in sulfate activation as a component of the biosynthesis pathway of sulfur-containing amino acids.
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