THO Complex Subunit 5 Homolog B (thoc5-b) Xenopus Laevis Recombinant Protein

PRODUCT OVERVIEW

Product Name	THO complex subunit 5 homolog B (thoc5-b), Recombinant Protein
Full Product Name	Recombinant Xenopus laevis THO complex subunit 5 homolog B (thoc5-b), partial
Product Gene Name	thoc5-b recombinant protein
Product Synonym Gene Name	thoc5-b
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	77,763 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 Q7ZXA8
Species	Xenopus laevis (African clawed frog)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for thoc5-b recombinant protein	MBS1355513 is a recombinant protein targeting thoc5-b. Also known as Recombinant Xenopus laevis THO complex subunit 5 homolog B (thoc5-b), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of thoc5-b 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 thoc5-b. It may not necessarily be applicable to this product.

NCBI GI #	147902314
NCBI GeneID	380360
NCBI Accession #	NP_001080668.1
UniProt Primary Accession #	Q7ZXA8
UniProt Related Accession #	Q7ZXA8
GenBank Nucleotide #	NM_001087199.1
NCBI Official Full Name	THO complex subunit 5 homolog B
NCBI Official Synonym Full Names	THO complex 5 S homeolog
NCBI Official Symbol	thoc5.S

NCBI Official Synonym Symbols	fmip; thoc5; thoc5-a; thoc5-b
UniProt Protein Name	THO complex subunit 5 homolog B
Protein Family	THO complex
UniProt Gene Name	thoc5-b
NCBI Protein Information	THO complex subunit 5 homolog B
UniProt Comments for thoc5-b	Acts as component of the THO subcomplex of the TREX complex which is thought to couple mRNA transcription, processing and nuclear export, and which specifically associates with spliced mRNA and not with unspliced pre-mRNA. TREX is recruited to spliced mRNAs by a transcription-independent mechanism, binds to mRNA upstream of the exon-junction complex (EJC) and is recruited in a splicing- and cap-dependent manner to a region near the 5' end of the mRNA where it functions in mRNA export to the cytoplasm via the TAP/NFX1 pathway ().
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