Pyrimidine-Specific Ribonucleoside Hydrolase Rihb (rihB) Escherichia Coli O157:h7 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Pyrimidine-specific ribonucleoside hydrolase rihB (rihB), Recombinant Protein
Full Product Name	Recombinant Escherichia coli O157:H7 Pyrimidine-specific ribonucleoside hydrolase rihB (rihB)
Product Gene Name	rihB recombinant protein
Product Synonym Gene Name	rihB
Sequence	MEKRKIILDC DPGHDDAIAI MMAAKHPAID LLGITIVAGN QTLDKTLING LNVCQKLEIN VPVYAGMPQP IMRQQIVADN IHGDTGLDGP VFEPLTRQAE STHAVKYIID TLMASDGDIT LVPVGPLSNI AVAMRMQPAI LPKIREIVLM GGAYGTGNFT PSAEFNIFAD PEAARVVFTS GVPLVMMGLD LTNQTVCTPD VIARMERAGG PAGELFSDIM NFTLKTQFEN YGLAGGPVHD ATCIGYLINP DGIKTQEMYV EVDVNSGPCY GRTVCDELGV LGKPANTKVG ITIDSDWFWG LVEECVRGYI KTH
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	33,720 Da
Sequence Positions	1-313, 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 Q8XE94
Species	Escherichia coli O157:H7
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rihB recombinant protein	MBS1429937 is a recombinant protein targeting rihB. Also known as Recombinant Escherichia coli O157:H7 Pyrimidine-specific ribonucleoside hydrolase rihB (rihB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rihB 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 rihB. It may not necessarily be applicable to this product.

NCBI GI #	15832308
NCBI GeneID	916758
NCBI Accession #	NP_311081.1
UniProt Primary Accession #	Q8XE94

UniProt Secondary Accession #	Q7AC81
GenBank Nucleotide #	NC_002695.1
NCBI Official Full Name	ribonucleoside hydrolase 2
NCBI Official Symbol	rihB
UniProt Protein Name	Pyrimidine-specific ribonucleoside hydrolase RihB
UniProt Synonym Protein Names	Cytidine/uridine-specific hydrolase
Protein Family	Putative pyrimidine-specific ribonucleoside hydrolase
UniProt Gene Name	rihB
NCBI Protein Information	ribonucleoside hydrolase 2
UniProt Comments for rihB	Hydrolyzes cytidine or uridine to ribose and cytosine or uracil, respectively. Has a clear preference for cytidine over uridine. Strictly specific for ribonucleosides.
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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