Non-Specific Ribonucleoside Hydrolase Rihc (rihC) Shigella Boydii Serotype 4 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Non-specific ribonucleoside hydrolase rihC (rihC), Recombinant Protein
Full Product Name	Recombinant Shigella boydii serotype 4 Non-specific ribonucleoside hydrolase rihC (rihC)
Product Gene Name	rihC recombinant protein
Product Synonym Gene Name	rihC
Sequence	MHLPIFLDTD PGIDDAVAIA AAIFAPELDL QLMTTVAGNV SVEKTTRNAL QLLHFWNAEI PLAQGAAVPL VRAPRDAASV HGESGMAGYD FVEHNRKPLG IPAFLAIRDA LMRAPEPVTL VAIGPLTNIA LLLSQCPECK PYIRRLVIMG GSAGRGNCTP NAEFNIAADP EAAACVFRSG IEIVMSGLDV TNQAILTPDY LATLPELNRT GKMLHALFSH YRSGSMQSGL RMHDLCAIAW LVRPELFTLK PCFVAVETQG EFTSGTTVVD IDGCLGKPAN VKVALDLDVK GFQQWVAEVL ALAS
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	32,525 Da
Sequence Positions	1-304, Full length
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 Q326J3
Species	Shigella boydii serotype 4 (strain Sb227)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rihC recombinant protein	MBS1349060 is a recombinant protein targeting rihC. Also known as Recombinant Shigella boydii serotype 4 Non-specific ribonucleoside hydrolase rihC (rihC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rihC 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 rihC. It may not necessarily be applicable to this product.

NCBI GI #	446472742
NCBI Accession #	WP_000550596.1
UniProt Primary Accession #	Q326J3
GenBank Nucleotide #	WP_000550596.1

NCBI Official Full Name	MULTISPECIES: non-specific ribonucleoside hydrolase RihC
UniProt Protein Name	Non-specific ribonucleoside hydrolase RihC
UniProt Synonym Protein Names	Purine/pyrimidine ribonucleoside hydrolase
Protein Family	Non-specific ribonucleoside hydrolase
UniProt Gene Name	rihC
UniProt Comments for rihC	Hydrolyzes both purine and pyrimidine ribonucleosides with a broad-substrate specificity.
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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