Putative Xanthine Dehydrogenase Yagr Molybdenum-Binding Subunit (yagR) Escherichia Coli O157:h7 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative xanthine dehydrogenase YagR molybdenum-binding subunit (yagR), Recombinant Protein
Full Product Name	Recombinant Escherichia coli O157:H7 Putative xanthine dehydrogenase YagR molybdenum-binding subunit (yagR)
Product Gene Name	yagR recombinant protein
Product Synonym Gene Name	yagR
Sequence	MKFDKPAGEN PIDQLKVVGR PHDRIDGPLK TTGTARYAYE WHEESPNAAY GYIVGSAIAK GRLTALDTDA AQKAPGVLPV ITASNAGALS KGDKNTARLL GGPTIEHYHQ AIALVVAETF EQARAAASLV QAHYRRNKGA YSLADEKQAV SQPPEDTPDK NVGDFDGAFS SAAVKIDATY TTPDQSHMAM EPHASMAVWD GNKLTLWTSN QMIDWCRTDL AKTLKVPVEN VRIISPYIGG GFGGKLFLRS DALLAALAAR AVKRPVKVML PRPSIPNNTT HRPATLQHLR IGADQSGKIT AISHESWSGN LPGGTPETAV QQSELLYAGA NRHTGLRLAT LDLPEGNAMR APGEAPGLMA LEIAIDELAE KAGIDPVEFR ILNDTQIDPA DPTRRFSRRQ LIECLRTGAD KFGWKQRNAT PGQVRDGEWL VGHGVAAGFR NNLLEKSGAR VHLEPNGTVT VETDMTDIGT GSYTILAQTA AEMLGVPLEQ VAVHLGDSSF PVSAGSGGQW GANTSTSGVY AACVKLREMI ASAVGFDPEQ SQFADGKITN GTRSAILHEA TAGGRLTAEE SIEFGTLSKE YQQSTFAGHF VEVGVHSATG EVRVRRMLAV CAAGRILNPK TARSQVIGAM TMGMGAALME ELAVDDRLGY FVNHDMAGYE VPVHADIPKQ EVIFLDDTDP ISSPMKAKGV GELGLCGVSA AIANAVYNAT GIRVRDYPIT LDKLLDKLPD VV
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	78,135 Da
Sequence Positions	1-732, 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 Q8X6J4
Species	Escherichia coli O157:H7
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for yagR recombinant protein	MBS1397251 is a recombinant protein targeting yagR. Also known as Recombinant Escherichia coli O157:H7 Putative xanthine dehydrogenase YagR molybdenum-binding subunit (yagR). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of yagR 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 yagR. It may not necessarily be applicable to this product.

NCBI GI #	15829568
NCBI GeneID	914413
NCBI Accession #	NP_308341.1
UniProt Primary Accession #	Q8X6J4
GenBank Nucleotide #	NC_002695.1
NCBI Official Full Name	hypothetical protein ECs0314
NCBI Official Symbol	ECs0314
UniProt Protein Name	Putative xanthine dehydrogenase YagR molybdenum-binding subunit
Protein Family	Putative xanthine dehydrogenase YagR molybdenum-binding
UniProt Gene Name	yagR
NCBI Protein Information	hypothetical protein
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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