Flagellar Transcriptional Regulator Flhc (flhC) Sodalis Glossinidius Recombinant Protein

PRODUCT OVERVIEW

Product Name	Flagellar transcriptional regulator FlhC (flhC), Recombinant Protein
Full Product Name	Recombinant Sodalis glossinidius Flagellar transcriptional regulator FlhC (flhC)
Product Gene Name	flhC recombinant protein
Product Synonym Gene Name	flhC
Sequence	MYRKSIMQES RDIQLAMELI ALGARLPILE NETCLSRSRL LRLYKEVKGT PAPKGLLPFS ADWFLSWEQN IHSSAFYNAY LCLIRVGNIP TIEAMIKAYR LYLELCPQRQ DGGPLLGLTR AWILLRFIDS QLLGQTRCKL CGGAFITYAF HPPHNFVCSF CHPPSRAVKK RKLSHAAADN RIYNLRQRNM CNVKPC
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	22,473 Da
Sequence Positions	1-196, 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 Q2NX28
Species	Sodalis glossinidius (strain morsitans)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for flhC recombinant protein	MBS1331697 is a recombinant protein targeting flhC. Also known as Recombinant Sodalis glossinidius Flagellar transcriptional regulator FlhC (flhC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of flhC 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 flhC. It may not necessarily be applicable to this product.

NCBI GI #	123520398
NCBI Accession #	Q2NX28.1
UniProt Primary Accession #	Q2NX28
NCBI Official Full Name	Flagellar transcriptional regulator FlhC
UniProt Protein Name	Flagellar transcriptional regulator FlhC
Protein Family	Flagellar transcriptional regulator

UniProt Gene Name	flhC
UniProt Comments for flhC	Functions in complex with FlhD as a master transcriptional regulator that regulates transcription of several flagellar and non-flagellar operons by binding to their promoter region. Activates expression of class 2 flagellar genes, including fliA, which is a flagellum-specific sigma factor that turns on the class 3 genes. Also regulates genes whose products function in a variety of physiological pathways.
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