Cyclin-C (CycC) Drosophila Pseudoobscura Pseudoobscura Recombinant Protein

PRODUCT OVERVIEW

Product Name	Cyclin-C (CycC), Recombinant Protein
Full Product Name	Recombinant Drosophila pseudoobscura pseudoobscura Cyclin-C (CycC)
Product Gene Name	CycC recombinant protein
Product Synonym Gene Name	CycC
Sequence	MAGNFWQSSH SQQWILDKQD LLRERQHDLL SLNEDEYQKV FIFFANVIQV LGEQLKLRQQ VIATATVYFK RFYARNSLKN IDPLLLAPTC ILLASKVEEF GVISNSRLIS ICQSAIKTKF SYAYTQEFPY RTNHILECEF YLLENLDCCL IVYQPYRPLL QLVQDMGQED QLLTLSWRIV NDSLRTDVCL LYPPYQIAIA CLQIACVILQ KDSTKQWFAE LNVDLDKVQE IVRAIVNLYE MWKDWKEKDE IQMLLSKIPK PKPPPQR
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	31,404 Da
Sequence Positions	1-267, 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 Q29AI1
Species	Drosophila pseudoobscura pseudoobscura (Fruit fly)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CycC recombinant protein	MBS1452620 is a recombinant protein targeting CycC. Also known as Recombinant Drosophila pseudoobscura pseudoobscura Cyclin-C (CycC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CycC 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 CycC. It may not necessarily be applicable to this product.

NCBI GI #	125773945
NCBI GeneID	4801070
NCBI Accession #	XP_001358231.1
UniProt Primary Accession #	Q29AI1
UniProt Related Accession #	Q29AI1

GenBank Nucleotide #	XM_001358194.3
NCBI Official Full Name	uncharacterized protein Dpse_GA20234
NCBI Official Symbol	DpseGA20234
NCBI Official Synonym Symbols	dpse_GLEANR_4223; GA20234
UniProt Protein Name	Cyclin-C
Protein Family	Cyclin
UniProt Gene Name	CycC
NCBI Protein Information	GA20234 gene product from transcript GA20234-RA
UniProt Comments for CycC	Component of the Mediator complex, a coactivator involved in regulated gene transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors. Binds to and activates cyclin-dependent kinase Cdk8 that phosphorylates the CTD (C-terminal domain) of the large subunit of RNA polymerase II (RNAp II), which may inhibit the formation of a transcription initiation complex ().
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