Transcription Factor HEC2 (HEC2) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Transcription factor HEC2 (HEC2), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Transcription factor HEC2 (HEC2)
Product Gene Name	HEC2 recombinant protein
Product Synonym Gene Name	HEC2
Sequence	MDNSDILMNM MMQQMEKLPE HFSNSNPNPN PHNIMMLSES NTHPFFFNPT HSHLPFDQTM PHHQPGLNFR YAPSPSSSLP EKRGGCSDNA NMAAMREMIF RIAVMQPIHI DPESVKPPKR KNVRISKDPQ SVAARHRRER ISERIRILQR LVPGGTKMDT ASMLDEAIHY VKFLKKQVQS LEEHAVVNGG GMTAVAGGAL AGTVGGGYGG KGCGIMRSDH HQMLGNAQIL R
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	25,684 Da
Sequence Positions	1-231, 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 Q9SND4
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for HEC2 recombinant protein	MBS1478864 is a recombinant protein targeting HEC2. Also known as Recombinant Arabidopsis thaliana Transcription factor HEC2 (HEC2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of HEC2 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 HEC2. It may not necessarily be applicable to this product.

NCBI GI #	15229725
NCBI GeneID	824195
NCBI Accession #	NP_190602.1
UniProt Primary Accession #	Q9SND4
UniProt Secondary Accession #	Q67ZU7

UniProt Related Accession #	Q9SND4
GenBank Nucleotide #	NM_114893.3
NCBI Official Full Name	basic helix-loop-helix (bHLH) DNA-binding superfamily protein
NCBI Official Symbol	HEC2
NCBI Official Synonym Symbols	HECATE 2
UniProt Protein Name	Transcription factor HEC2
UniProt Synonym Protein Names	Basic helix-loop-helix protein 37; AtbHLH37; bHLH 37; Protein HECATE 2; Transcription factor EN 117; bHLH transcription factor bHLH037
Protein Family	Transcription factor
UniProt Gene Name	HEC2
UniProt Synonym Gene Names	BHLH37; EN117; AtbHLH37; bHLH 37
NCBI Protein Information	basic helix-loop-helix (bHLH) DNA-binding superfamily protein
UniProt Comments for HEC2	Required for the female reproductive tract development and fertility.
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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