

Transcription factor bHLH103 (BHLH103), Recombinant Protein

Cat RP08670

Size 0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg
(Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-
Cell)
Species Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana Transcription factor bHLH103 (BHLH103)

Product Gene Name

BHLH103 recombinant protein

Product Synonym Gene Name

BHLH103

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence

MTEEFDTTGV CTGTWWSSSN GMFSGCSLPR SAEIVVDFGE IEWQNIDTLD AKTYNENYLS TSTFLGNANL
DTTSQIYVSS PSNIHEEERY NQINSFLEGL FDSSEQLLVP NCPKPELFES FHFFDDVFPN ESRMISVFDH
QKPKEDMQAC KSLTTCKRAS EKSGELEDIE SSQPLKRPRL ETPSHFPSFK VRKEKLGDR I TALQQLVSPF
GKTDTASVLH DAIDYIKFLQ EQITEKVSTS PHLNSIGSGE QKQWSDKSSN NTHNQNCSPR QDLRSRGLCL
MPISSTFSTP PQHLD TSSLW N

Sequence Positions

1-301, Full length protein

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

34,032 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week.
Repeated freezing and thawing is not recommended.

Protein Family

Transcription factor

NCBI Accession

NP_193865.2

NCBI GI

22328848

NCBI GenBank Nucleotide

NM_118254.4

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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(Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-
Cell)

NCBI GeneID

827884

NCBI Official Full Name

basic helix-loop-helix (bHLH) DNA-binding superfamily protein

NCBI Official Symbol

B70

NCBI Official Synonym Symbols

T6K22.70; T6K22_70

NCBI Protein Information

basic helix-loop-helix (bHLH) DNA-binding superfamily protein

UniProt Gene Name

BHLH103

UniProt Synonym Gene Names

B70; EN62; AtbHLH103; bHLH 103

UniProt Protein Name

Transcription factor bHLH103

UniProt Synonym Protein Names

Basic helix-loop-helix protein 103; AtbHLH103; bHLH 103; Transcription factor EN 62; bHLH transcription factor bHLH103

UniProt Primary Accession

Q8VZ22

UniProt Secondary Accession

O81901; A3RCC6; A7Y5W1

UniProt Related Accession

Q8VZ22

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