

Transcription factor bHLH3 (BHLH3), Recombinant Protein

Cat RP05498

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

Full Product Name

Recombinant Arabidopsis thaliana Transcription factor bHLH3 (BHLH3)

Product Gene Name

BHLH3 recombinant protein

Purity

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

Sequence

MGQKFWENQE DRAMVESTIG SEACDFFIST ASASNTALSK LVSPPSDSNL QQGLRHVVEG SDWDYALFWL
ASNVNSSDGC VLIWGDGHCR VKKGASGEDY SQQDEIKRRV LRKLHLSFVG SDEDHRLVKS GALTDLDMFY
LASLYFSFRC DTNKYGPAGT YVSGKPLWAA DLPSCLSYR VRSFLARSAG FQTVLSVPVN SGVVELGSLR
HIPEDKSVIE MVKSVFEGSD FVQAKEAPKI FGRQLSLGGA KPRSMSINF S PKTEDDTGFS LESYEVQAIG
GSNQVYGYEQ GKDETLYLTD EQKPRKRGRK PANGREEALN HVEAERQRRE KLNQRFYALR AVVPNISKMD
KASLLADAIT YITDMQKKIR VYETEKQIMK RRESNQITPA EVDYQQRHDD AVVRLSCPLE THPVSKVIQT
LRENEVMPHD SNVAITEEGV VHTFTLRPQG GCTAEQLKDK LLASLSQ

Sequence Positions

1-467, 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

52,234 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_193376.1

NCBI GI

15234929

NCBI GenBank Nucleotide

NM_117738.3

NCBI GeneID

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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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

827337 mg (*Baculovirus*)/ 1 mg (*E-Coli*)/ 0.1 mg (*Mammalian-Cell*)/ 1

mg (*Yeast*)/ 1 mg (*Baculovirus*)/ 0.5 mg (*Mammalian-Cell*)

NCBI Official Full Name

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

NCBI Official Symbol

AT4G16430

NCBI Official Synonym Symbols

DL4240W; FCAALL.202; JAM3; Jasmonate Associated MYC2 LIKE 3

NCBI Protein Information

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

UniProt Gene Name

BHLH3

UniProt Synonym Gene Names

EN34; AtbHLH3; bHLH 3

UniProt Protein Name

Transcription factor bHLH3

UniProt Synonym Protein Names

Basic helix-loop-helix protein 3; AtbHLH3; bHLH 3; Transcription factor EN 34; bHLH transcription factor bHLH003

UniProt Primary Accession

O23487

UniProt Related Accession

O23487

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