

Methionine aminopeptidase 2B (MAP2B), Recombinant Protein

Cat *RP05295*

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

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

Full Product Name

Recombinant Arabidopsis thaliana Methionine aminopeptidase 2B (MAP2B)

Product Gene Name

MAP2B recombinant protein

Product Synonym Gene Name

MAP2B

Purity

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

Sequence

MASESPDVAV VAPVVENGGA ESSNGKEEQL ESELSKKLEI AEDGQEENDG EEGSKAETST KKKKKKKNKSK
KKKELPQQTD PPSIPVVLEF PSGEFPEGEI QEYKDDNLWR TTSEEKRELE RFEKPIYNSV RRAAEVHRQV
RKYVRSIVKP GMLMTDICET LENTVRKLIS ENGLQAGIAF PTGCSLNWVA AHWTPNSGDK TVLQYDDVMK
LDFGTHIDGH IIDCAFTVAF NPMFDPLLA SREATYTGIK EAGIDVRLCD IGAAIQEVME SYEVEINGKV
FQVKSIRNLN GHSIGPYQIH AGKSVPIVKG GEQTKMEEGE FYAIETFGST GKG YVREDLE CSHYMKNFDA
GHVPLRLPRA KQLLATINKN FSTLAFCRRY LDRIGETKYL MALKNLCDSG IVQYPPLCD VKGSYVSQFE
HTILLRPTCK EVLSKGDDY

Sequence Positions

1-439, 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

49,060 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

Methionine aminopeptidase

NCBI Accession

NP_001030898.1

NCBI GI

79315754

NCBI GenBank Nucleotide

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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

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

NCBI GeneID

825169

NCBI Official Full Name

methionine aminopeptidase 2B

NCBI Official Symbol

MAP2B

NCBI Official Synonym Symbols

methionine aminopeptidase 2B

NCBI Protein Information

methionine aminopeptidase 2B

NCBI Summary

Encodes a MAP2 like methionine aminopeptidase

UniProt Gene Name

MAP2B

UniProt Synonym Gene Names

MAP 2B; MetAP 2B

UniProt Protein Name

Methionine aminopeptidase 2B

UniProt Synonym Protein Names

Peptidase M

UniProt Primary Accession

Q56Y85

UniProt Secondary Accession

Q8VZ89; Q9FPV8; Q9M1X7

UniProt Related Accession

Q56Y85

UniProt Comments

Cotranslationally removes the N-terminal methionine from nascent proteins. The N-terminal methionine is often cleaved when the second residue in the primary sequence is small and uncharged (Met-Ala-, Cys, Gly, Pro, Ser, Thr, or Val).

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