

# WD-40 repeat-containing protein MSI2 (MSI2), Recombinant Protein

Cat RP01374

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 WD-40 repeat-containing protein MSI2 (MSI2)

## Product Gene Name

MSI2 recombinant protein

## Purity

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

## Sequence

MADEGKEETG MGQVEEDFSV WKKNTPFLYD LLISHPLEWP SLTVHWVPST PNPYVADSYF GVHKLILGTH  
TSGSAQDFLM VADVVTPTPN AEPGIGGANQ DPFIPKVEIR QRIRVDGEVN RARCMPQKPT LVGAKTSGCE  
VFLFDYAKHA AKSQTSECDP DLRLVGHDKG GYGLSWSPFK EGYLLSGSQD QKICLWDVSA TPQDKVLNAM  
FVYEGHESAI ADVSWHMKNE NLFGSAGEDG RLVIWDTRTN QMQHQVKVHE REVNYLSFNP FNEWVLATAS  
SDSTVALFDL RKLNAPLHVM SSHEGEVFQV EWDPNHETVL ASSGEDRRLM VWDLNRVGEE QLEIELDAED  
GPPELLFSHG GHKAKISDFA WKNNEPWVIA SVAEDNSLQV WQMAESIYRD EEDAEDIKED ITQQS

## Sequence Positions

1-415, 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

46,704 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

WD-40 repeat-containing protein

## NCBI Accession #

NP\_179269.1

## NCBI GI #

15227294

## NCBI GenBank Nucleotide #

NM\_127230.4

## NCBI GeneID

816179

**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

mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)  
Transducin family protein / WD-40 repeat family protein

## NCBI Official Symbol

MSI2

## NCBI Official Synonym Symbols

MSI02; MULTICOPY SUPPRESSOR OF IRA1 2; NFC02; NFC2; NUCLEOSOME/CHROMATIN ASSEMBLY FACTOR GROUP C 2; T24I21.19; T24I21\_19

## NCBI Protein Information

Transducin family protein / WD-40 repeat family protein

## NCBI Summary

Encodes a WD-40 repeat protein similar to yeast MSI1.

## UniProt Gene Name

MSI2

## UniProt Protein Name

WD-40 repeat-containing protein MSI2

## UniProt Primary Accession #

O22468

## UniProt Related Accession #

O22468

## UniProt Comments

Core histone-binding subunit that may target chromatin assembly factors, chromatin remodeling factors and histone deacetylases to their histone substrates in a manner that is regulated by nucleosomal DNA.

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