

# Transcription factor MYB1R1 (LOC102577613), Recombinant Protein

Cat RP15280

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-  
Solanum tuberosum (Potato  
Cell)

## Full Product Name

Recombinant Solanum tuberosum Transcription factor MYB1R1

## Product Gene Name

LOC102577613 recombinant protein

## Purity

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

## Sequence

MSSVYSDKSS STPAVTGGGF GGEIMLFGVR VKVDPMRKS SV SLNDLSQYEH PNANNNNNGG DNNESKVAQ  
DEGYASADDA VQHQSNSGRE RKRGVPTWTEE EHKLFLLGLQ KVGKGDWRGI SRNFVKTRTP TQVASHAQKY  
FLRRSNLNR RRSSSLFDIT TDSVSVMPIE EVENKQEIPV VAPATLPTTK TNAFPVAPT V GPIIFPVQID  
KSREYPTLLR HDHGNSSMLV GPVPMFSPMN PSTAIDLNAN HNSTIEPSSL SLRLSLSLDQ GQASSTRHSA  
YNVMSSFSNG ESIIRVA

## Sequence Positions

1-297, 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

32,555 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\_001275346.1

## NCBI GI #

568214487

## NCBI GenBank Nucleotide #

NM\_001288417.1

## NCBI GeneID

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

# Transcription factor MYB1R1 (LOC102577613), Recombinant Protein

Cat RP15280

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

102577613 mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg  
(Mammalian Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-  
Cell)  
transcription factor MYB1R1

## NCBI Official Full Name

transcription factor MYB1R1

## NCBI Official Symbol

LOC102577613

## NCBI Official Synonym Symbols

StMYB1R-1

## NCBI Protein Information

transcription factor MYB1R1

## UniProt Gene Name

StMYB1R-1

## UniProt Synonym Gene Names

StMYB1R-1

## UniProt Protein Name

Transcription factor MYB1R1

## UniProt Synonym Protein Names

Myb-related protein R1

## UniProt Primary Accession #

Q2V9B0

## UniProt Related Accession #

Q2V9B0

## UniProt Comments

Binds selectively to the DNA sequence 5'-[GA]GATAA-3' and may act as a transcription factor involved in the regulation of drought-responsive genes. Enhances stomatal closure in response to abscisic acid (ABA). Confers drought and salt tolerance.

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**