

# Probable glutathione S-transferase MSR-1 (MSR-1), Recombinant Protein

Cat RP17726

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-  
Nicotiana plumbaginifolia (Leadwort-leaved tobacco) (Tex-Mex tobacco)  
Cell)

## Full Product Name

Recombinant Nicotiana plumbaginifolia Probable glutathione S-transferase MSR-1 (MSR-1)

## Product Gene Name

MSR-1 recombinant protein

## Purity

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

## Sequence

MESNNVVLLD FSGSSFGMRL RIALALKGIK YEAKEENLSD KSPLLLEMNP VHKKIPILIH NGKPICESLN  
ILEYIDEVWH EKCPLLPSDP YQRSQARFWA NYIDNKIYST GRRVWSGKGE DQEEAKKEFI EIFKTLEGEL  
GNKTYFGGDN LGFVDVALVP FTSWFYSYET CANFSIEAEC RKLVVWQNCM ENERVSKSLP HPHKIYDFVL  
ELKHKLGLA

## Sequence Positions

1-219, 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

25,269 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

Probable glutathione S-transferase

## NCBI Accession #

P50471.1

## NCBI GI #

1708069

## NCBI Official Full Name

Probable glutathione S-transferase MSR-1

## UniProt Gene Name

MSR-1

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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Cell)  
Probable glutathione S-transferase MSR-1

## UniProt Protein Name

## UniProt Synonym Protein Names

Auxin-regulated protein MSR-1

## UniProt Primary Accession #

P50471

## UniProt Comments

May play an important role in hormonal and growth regulatory responses.

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