

# Pentatricopeptide repeat-containing protein At2g39230, mitochondrial (LOJ), Recombinant Protein

Cat *RP00518*

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## Species

*Arabidopsis thaliana* (Mouse-ear cress)

## Full Product Name

Recombinant *Arabidopsis thaliana* Pentatricopeptide repeat-containing protein At2g39230, mitochondrial (LOJ), partial

## Product Gene Name

LOJ recombinant protein

## Purity

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

## Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

## Host

E Coli or Yeast or Baculovirus or Mammalian Cell

## Molecular Weight

97,669 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

Pentatricopeptide repeat-containing protein

## NCBI Accession #

NP\_181456.1

## NCBI GI #

15225055

## NCBI GenBank Nucleotide #

NM\_129481.2

## NCBI GeneID

818508

## NCBI Official Full Name

LATERAL ORGAN JUNCTION

## NCBI Official Symbol

LOJ

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**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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## NCBI Official Synonym Symbols

LATERAL ORGAN JUNCTION; T16B24.13; T16B24\_13

## NCBI Protein Information

LATERAL ORGAN JUNCTION

## NCBI Summary

Encodes a pentatricopeptide protein (LOJ) that is specifically expressed in lateral organ junctions.

## UniProt Gene Name

LOJ

## UniProt Protein Name

Pentatricopeptide repeat-containing protein At2g39230, mitochondrial

## UniProt Synonym Protein Names

Protein LATERAL ORGAN JUNCTION

## UniProt Primary Accession #

O80958

## UniProt Related Accession #

O80958

## UniProt Comments

Involved in lateral organ development and boundary demarcation.

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