

# Probable cytokinin riboside 5'-monophosphate phosphoribohydrolase LOGL2 (LOGL2), Recombinant Protein

Cat *RP12334*

Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1 mg (E-Coli)/ 0.1 mg (Baculovirus)/ 0.1

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

## Species

*Oryza sativa* subsp. *japonica* (Rice)

## Full Product Name

Recombinant *Oryza sativa* subsp. *japonica* Probable cytokinin riboside 5'-monophosphate phosphoribohydrolase LOGL2 (LOGL2)

## Product Gene Name

LOGL2 recombinant protein

## Purity

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

## Sequence

MEIKDEETTA EVAMVVQSRF RRVCVFCGSS HGKKKIYQDA AIELGKELVA RNIDLVIYGGG SVGLMGLVSQ AVHNGGRHVI GVIPKTLMPR EISGETVGEV KAVSDMHQRK AEMARQSDAF IALPGGYGTL EELLEVIWA QLGIHDKPVG LLNVDGYYPN LLSFIDKAVE EGFIRPSARH IIVLAPTPKE LIEKLEEYSP QHEKVVSMMK WEMEQMSYPQ NYDIPRPKEG KMIIEAQRGS RLWM

## Sequence Positions

1-244, 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

27,246 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 cytokinin riboside 5'-monophosphate phosphoribohydrolase

## NCBI Accession #

XP\_015622862.1

## NCBI GI #

1002237306

## NCBI GenBank Nucleotide #

XM\_015767376.1

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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## NCBI GeneID

107275650

## NCBI Official Full Name

probable cytokinin riboside 5'-monophosphate phosphoribohydrolase LOGL2

## NCBI Official Symbol

LOC107275650

## NCBI Official Synonym Symbols

LOGL2; OsJ\_07599

## NCBI Protein Information

probable cytokinin riboside 5'-monophosphate phosphoribohydrolase LOGL2

## UniProt Gene Name

LOGL2

## UniProt Protein Name

Probable cytokinin riboside 5'-monophosphate phosphoribohydrolase LOGL2

## UniProt Synonym Protein Names

Protein LONELY GUY-like 2

## UniProt Primary Accession #

B9F166

## UniProt Secondary Accession #

A0A0P0VLX1

## UniProt Related Accession #

B9F166

## UniProt Comments

Cytokinin-activating enzyme working in the direct activation pathway. Phosphoribohydrolase that converts inactive cytokinin nucleotides to the biologically active free-base forms .

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