

Probable cytokinin riboside 5'-monophosphate phosphoribohydrolase LOGL1 (LOGL1), Recombinant Protein

Cat *RP12396*

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 LOGL1 (LOGL1)

Product Gene Name

LOGL1 recombinant protein

Product Synonym Gene Name

LOGL1

Purity

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

Sequence

MGDNSAAAAA VAAPRGRFGR ICVFCGSNAG NRAVFGDAAL QLGQELVSRG IELVYGGGSV GLMGLIAQTV
LDGGCGVLGV IPKALMPTEI SGASVGEVKI VSDMHERKAE MARQSDAFIA LPGGYGTMEEL LLEMITWSQL
GIHDKPVGLL NVDGYYDPLL ALFDKGAAEG FIKADCRQII VSAPTAHELL RKMEQYTRSH QEVAPRTSWE
MSELGYGKTP EES

Sequence Positions

1-223, 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

23,619 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_015611657.1

NCBI GI

1002231229

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI GenBank Nucleotide

XM_015756171.1

NCBI GeneID

4327684

NCBI Official Full Name

probable cytokinin riboside 5'-monophosphate phosphoribohydrolase LOGL1

NCBI Official Symbol

LOC4327684

NCBI Official Synonym Symbols

LOGL1; OsJ_03202

NCBI Protein Information

probable cytokinin riboside 5'-monophosphate phosphoribohydrolase LOGL1

UniProt Gene Name

LOGL1

UniProt Protein Name

Probable cytokinin riboside 5'-monophosphate phosphoribohydrolase LOGL1

UniProt Synonym Protein Names

Protein LONELY GUY-like 1

UniProt Primary Accession

Q8LR50

UniProt Secondary Accession

A0A0P0V796

UniProt Related Accession

Q8LR50

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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