

Probable cytokinin riboside 5'-monophosphate phosphoribohydrolase LOG4 (LOGL4), Recombinant Protein

Cat *RP12314*

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 LOG4 (LOGL4)

Product Gene Name

LOGL4 recombinant protein

Product Synonym Gene Name

LOGL4

Purity

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

Sequence

MDANHDKVVE SGSRGGRGPV RTICVFCGSR RGNRPSFSAA ALDLGKQLVE RELDLVYGGG SGGLMGLVSK
TVHDGGRHVL GVIPSALLPE EVSGETLGEA KVVDRDMHERK SEMAKHADAF IALPGGYGTI EELLEIIAWA
QLGIHNKPVG LLNVDGYNN LLSLFDKGVE EGFIDAAARN IFVLADNAGE LLTKLTEAAA AAAAAVEGGD
GDQVDGEATA AAAGLKRKRS

Sequence Positions

1-230, 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

23,991 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_015629625.1

NCBI GI

1002250787

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI GenBank Nucleotide

XM_015774139.1

NCBI GeneID

4333807

NCBI Official Full Name

probable cytokinin riboside 5'-monophosphate phosphoribohydrolase LOG4

NCBI Official Symbol

LOC4333807

NCBI Official Synonym Symbols

LOGL4; OsJ_12214

NCBI Protein Information

probable cytokinin riboside 5'-monophosphate phosphoribohydrolase LOG4

UniProt Gene Name

LOGL4

UniProt Protein Name

Probable cytokinin riboside 5'-monophosphate phosphoribohydrolase LOG4

UniProt Synonym Protein Names

Protein LONELY GUY-like 4

UniProt Primary Accession

Q851C7

UniProt Secondary Accession

Q10EN9

UniProt Related Accession

Q851C7

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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