

Probable cytokinin riboside 5'-monophosphate phosphoribohydrolase LOGL6 (LOGL6), Recombinant Protein

Cat *RP12330*

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 LOGL6 (LOGL6)

Product Gene Name

LOGL6 recombinant protein

Product Synonym Gene Name

LOGL6

Purity

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

Sequence

MMDTDHTEII KEGEAVVEAM ALLQSRFRRI CVFCGSSQ GK KKS YQDAAVE LGKELVARNI DLVYGGG SVG
LMGLVSQAVY NGGRHVIGVI PKTLMPREIT GETVGEVKAV ADMHQRKAEM ARQSDAFIAL PGGYGTLEEL
LEVIWAQLG IHDKPVGLLN VDGYYNSLLS FIDKAVEEEF ISPSARHIIV LAPTPKELLE KLEAYSPRHD
KVVPKMQWEM EKMSYCKSCE IPGLKEGNKA TIQAQRGSML

Sequence Positions

1-250, 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

27,494 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_015634464.1

NCBI GI

1002260280

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI GenBank Nucleotide

XM_015778978.1

NCBI GeneID

4336417

NCBI Official Full Name

probable cytokinin riboside 5'-monophosphate phosphoribohydrolase LOGL6

NCBI Official Symbol

LOC4336417

NCBI Official Synonym Symbols

LOGL6; OsJ_15484

NCBI Protein Information

probable cytokinin riboside 5'-monophosphate phosphoribohydrolase LOGL6

UniProt Gene Name

LOGL6

UniProt Protein Name

Probable cytokinin riboside 5'-monophosphate phosphoribohydrolase LOGL6

UniProt Synonym Protein Names

Protein LONELY GUY-like 6

UniProt Primary Accession

Q0JBP5

UniProt Secondary Accession

Q7XKL1; A0A0P0WCE2

UniProt Related Accession

Q0JBP5

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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