

Probable cytokinin riboside 5'-monophosphate phosphoribohydrolase LOGL3 (LOGL3), Recombinant Protein

Cat *RP12610*

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 LOGL3 (LOGL3)

Product Gene Name

LOGL3 recombinant protein

Product Synonym Gene Name

LOGL3

Purity

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

Sequence

MRQQQQQQQE SRFKRTCVCFC GSSQGNKTTY RDAAVDLAKE LVARGIDLVIY GGGSIGLMGL VSQAVYDGGR
HVIGVIPKTL MTPEIIGETV GEVRPVSDMH QRKAEMARQS DAFIALPGGY GTLEELLEVI TWAQLGIHHK
PVGLLNVDGY YNSLLTFIDQ AVEEGFISPS ARRIIVSAPT AQELMDKLEE YVPYHDRVAS GLNWETGHLG F

Sequence Positions

1-211, 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

23,222 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_015628428.1

NCBI GI

1002248484

NCBI GenBank Nucleotide

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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

NCBI GeneID

4331344

NCBI Official Full Name

probable cytokinin riboside 5'-monophosphate phosphoribohydrolase LOGL3

NCBI Official Symbol

LOC4331344

NCBI Official Synonym Symbols

LOGL3; OsJ_09119

NCBI Protein Information

probable cytokinin riboside 5'-monophosphate phosphoribohydrolase LOGL3

UniProt Gene Name

LOGL3

UniProt Protein Name

Probable cytokinin riboside 5'-monophosphate phosphoribohydrolase LOGL3

UniProt Synonym Protein Names

Protein LONELY GUY-like 3

UniProt Primary Accession

Q8H7U8

UniProt Secondary Accession

Q10SW3; A0A0P0VS49

UniProt Related Accession

Q8H7U8

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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