

Germin-like protein subfamily 3 member 3 (GER3), Recombinant Protein

Cat RP01854

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

mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana Germin-like protein subfamily 3 member 3 (GER3)

Product Gene Name

GER3 recombinant protein

Purity

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

Sequence

SVQDFCVADP KGPQSPSGYS CKNPQVVTEN DFAFTGLGTA GNTSNIKAA VTPAFAPAYA GINGLGVSLA
RLDLAGGGVI PLHTHPGASE VLVVIQGTIC AGFISSANKV YLKTlnRGDS MVFPQGLLHF QLNSGKGPAL
AFVAFGSSSP GLQILPFALF ANDLPSELVE ATTFLSDAEV KKLKGVLGGT N

Sequence Positions

21-211, 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

21,836 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

Germin-like protein

NCBI Accession

NP_197563.1

NCBI GI

15242028

NCBI GenBank Nucleotide

NM_122070.3

NCBI GeneID

832185

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Germin-like protein subfamily 3 member 3 (GER3), Recombinant Protein

Cat *RP01854*

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

mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

NCBI Official Full Name

germin 3

NCBI Official Symbol

GER3

NCBI Official Synonym Symbols

ARABIDOPSIS THALIANA GERMIN 3; ATGER3; germin 3; GERMIN-LIKE PROTEIN 3; GLP3; GLP3A; GLP3B; T1M15.30; T1M15_30

NCBI Protein Information

germin 3

NCBI Summary

Encodes a germin-like protein. Its transcripts are more abundant in RNA from leaves collected in the evening, suggesting some kind of circadian regulation.

UniProt Gene Name

GER3

UniProt Synonym Gene Names

GLP2A; GLP2B; GLP3; GLP3A; GLP3B; AtGER3; AtGLP2

UniProt Protein Name

Germin-like protein subfamily 3 member 3

UniProt Primary Accession

P94072

UniProt Secondary Accession

P94028

UniProt Related Accession

P94072

UniProt Comments

May play a role in plant defense. Probably has no oxalate oxidase activity even if the active site is conserved.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY