

# Golgin candidate 3 (GC3), Recombinant Protein

Cat *RP00471*

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## Species

*Arabidopsis thaliana* (Mouse-ear cress)

## Full Product Name

Recombinant *Arabidopsis thaliana* Golgin candidate 3 (GC3) , partial

## Product Gene Name

GC3 recombinant protein

## Product Synonym Gene Name

GC3

## Purity

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

## Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

## Host

E Coli or Yeast or Baculovirus or Mammalian Cell

## Molecular Weight

81,723 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

Golgin candidate

## NCBI Accession #

NP\_191716.2

## NCBI GI #

30695441

## NCBI GenBank Nucleotide #

NM\_116022.5

## NCBI GeneID

825330

## NCBI Official Full Name

GRIP-related ARF-binding domain-containing protein 1

## NCBI Official Symbol

GDAP1

## NCBI Official Synonym Symbols

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

# Golgin candidate 3 (GC3), Recombinant Protein

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GC3; GOLGIN CANDIDATE 3; GRIP-related ARF-binding domain-containing protein 1

## NCBI Protein Information

GRIP-related ARF-binding domain-containing protein 1

## NCBI Summary

This gene is predicted to encode a protein that functions as a Golgi apparatus structural component known as a golgin in mammals and yeast. A fluorescently-tagged version of GC3 co-localizes with Golgi markers, and this localization appears to be replicated using the C-terminal (161 aa) portion of the protein.

## UniProt Gene Name

GC3

## UniProt Synonym Gene Names

GDAP1; AtGC3

## UniProt Protein Name

Golgin candidate 3

## UniProt Synonym Protein Names

GRIP-related ARF-binding domain-containing Arabidopsis protein 1

## UniProt Primary Accession #

Q84WU4

## UniProt Secondary Accession #

Q9M311

## UniProt Related Accession #

Q84WU4

## UniProt Comments

Golgi matrix protein playing a role in tethering of vesicles to Golgi membranes and in maintaining the overall structure of the Golgi apparatus.

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