

# Calnexin homolog 1 (CNX1), Recombinant Protein

Cat *RP01189*

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## Species

*Arabidopsis thaliana* (Mouse-ear cress)

## Full Product Name

Recombinant *Arabidopsis thaliana* Calnexin homolog 1 (CNX1) , partial

## Product Gene Name

CNX1 recombinant protein

## 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

60,486 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

Calnexin

## NCBI Accession #

NP\_200987.1

## NCBI GI #

15240353

## NCBI GenBank Nucleotide #

NM\_125573.4

## NCBI GeneID

836301

## NCBI Official Full Name

calnexin 1

## NCBI Official Symbol

CNX1

## NCBI Official Synonym Symbols

ATCNX1; calnexin 1; MAC9.15; MAC9\_15

## NCBI Protein Information

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

# Calnexin homolog 1 (CNX1), Recombinant Protein

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calnexin 1

## UniProt Gene Name

CNX1

## UniProt Protein Name

Calnexin homolog 1

## UniProt Primary Accession #

P29402

## UniProt Related Accession #

P29402

## UniProt Comments

Calcium-binding protein that interacts with newly synthesized glycoproteins in the endoplasmic reticulum. It may act in assisting protein assembly and/or in the retention within the ER of unassembled protein subunits. It seems to play a major role in the quality control apparatus of the ER by the retention of incorrectly folded proteins .

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