

# Protein RER1A (RER1A) (ATRER1A), Recombinant Protein

Cat RP00029

## Species

Arabidopsis thaliana (Mouse-ear cress)

## Full Product Name

Recombinant Arabidopsis thaliana Protein RER1A (RER1A)

## Product Synonym Names

Recombinant Protein RER1A (RER1A); Protein RER1A; AtRER1A

## Product Gene Name

ATRER1A recombinant protein

## Product Synonym Gene Name

RER1A

## Purity

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

## Sequence

MDESGGDSGS VATPVQQRAH EAWRIYQHYL DKTTPHANYR WIGTLVVALI YCLRVYYIQG FYIIAYGLGI  
YLLNLLIGFL SPLVDPEAGG VSDGPSLPTR GSDEFKPFIR RLPEFKFWYS MTKAFCIAFL MTFFSVFDVP  
VFWPILLCYW IVLFVLTMR R QIAHMIKYKY IPFSFGKQKY GGRSSSGSRA D

## Sequence Positions

1-191

## Chromosome Location

Chromosome: 4; NC\_003075.7 (18263617..18265771). Location: chromosome: 4

## Format

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

## Host

E Coli or Yeast or Baculovirus or Mammalian Cell

## Molecular Weight

21,977 Da

## Storage

Store at -20°C. For extended storage, store at -20 or -80°C.

## NCBI Accession #

NP\_195633.1

## NCBI GI #

15234975

## NCBI GenBank Nucleotide #

NM\_120082.3

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

# Protein RER1A (RER1A) (ATRER1A), Recombinant Protein

Cat *RP00029*

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## NCBI GeneID

830077

## NCBI Official Full Name

protein RER1A

## NCBI Official Symbol

ATRER1A

## NCBI Official Synonym Symbols

T22F8.120; T22F8\_120

## NCBI Protein Information

protein RER1A

## NCBI Summary

Key player of retrieval of ER membrane proteins

## UniProt Gene Name

RER1A

## UniProt Synonym Gene Names

AtRER1A

## UniProt Protein Name

Protein RER1A

## UniProt Entry Name

RER1A\_ARATH

## UniProt Primary Accession #

O48670

## UniProt Related Accession #

O48670

## UniProt Comments

Function: Involved in the retrieval of endoplasmic reticulum membrane proteins from the early Golgi compartment  
By similarity. Subcellular location: Membrane; Multi-pass membrane protein Potential. Sequence similarities:  
Belongs to the RER1 family.

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