

# Derlin-1.2 (DER1.2), Recombinant Protein

Cat *RP10785*

Size *0.02 mg/ 0.1 mg/ 5x0.1 mg*

## Species

*Zea mays* (Maize)

## Full Product Name

Recombinant *Zea mays* Derlin-1.2 (DER1.2)

## Product Gene Name

DER1.2 recombinant protein

## Product Synonym Gene Name

SOR

## Purity

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

## Sequence

MSSPAEYYKS LPPISKAYGT LCFFTTVLVR LHILNPLFLY LYYPRVFKKF EVWRIFTSFF FLGPFSINFG  
IRLLMIARYG VMLEKGAFDK RTADFLWMMI FGAISLLVLS VIPQLNTYVL GLPMVSMLVY VWSRENPNQAQ  
INIIYGILQLK AFYLPWVMLL LDVIFGSPLM PGLLGIMVGH LYYYFAVLHP LATGKNYLKT PKWVHKIVAR  
FRIGMQANAP VRAPANGNAG TGAFRGRSYR LNQ

## Sequence Positions

1-243aa; full length protein

## Format

Liquid containing glycerol

## Host

Cell Free Expression

## Molecular Weight

27,835 Da

## Storage

Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Protein Family

Derlin

## NCBI Accession #

NP\_001105797.1

## NCBI GI #

162463687

## NCBI GenBank Nucleotide #

NM\_001112327.1

## NCBI GeneID

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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Cat *RP10785*

Size *0.02 mg/ 0.1 mg/ 5x0.1 mg*

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606470

## NCBI Official Full Name

derlin-1.2

## NCBI Official Symbol

IDP2409

## NCBI Official Synonym Symbols

DER1.2

## NCBI Protein Information

derlin-1.2

## UniProt Gene Name

DER1.2

## UniProt Synonym Gene Names

SOR

## UniProt Protein Name

Derlin-1.2

## UniProt Synonym Protein Names

ZmDerlin1-2

## UniProt Entry Name

DER12\_MAIZE

## UniProt Primary Accession #

Q4G2J5

## UniProt Secondary Accession #

Q9LEE5

## UniProt Related Accession #

Q4G2J5

## UniProt Comments

May be involved in the degradation process of specific misfolded endoplasmic reticulum (ER) luminal proteins.

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