

# Probable gamma-secretase subunit PEN-2 (AT5G09310), Recombinant Protein

Cat *RP00485*

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

## Species

*Arabidopsis thaliana* (Mouse-ear cress)

## Full Product Name

Recombinant *Arabidopsis thaliana* Probable gamma-secretase subunit PEN-2 (At5g09310)

## Product Gene Name

AT5G09310 recombinant protein

## Purity

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

## Sequence

MEATRSDDDPS LNPIRNRNPN PNPNPPLST IISSAQVWPT IDGPLGLTEE ASVDYARRFY KFGFALLPWL  
WVNCFYFWP VLRHSRAFPQ IRNYVVRSAI GFSVFTALLS AWALTFSIGG EQLFGPLYDK LVMYNVADRL  
GLSGLA

## Sequence Positions

1-146aa; full length protein

## Format

Liquid containing glycerol

## Host

Cell Free Expression

## Molecular Weight

16,489 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

Probable gamma-secretase

## NCBI Accession #

NP\_196493.1

## NCBI GI #

15242387

## NCBI GenBank Nucleotide #

NM\_120967.4

## NCBI GeneID

830790

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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## NCBI Official Full Name

uncharacterized protein

## NCBI Official Symbol

AT5G09310

## NCBI Official Synonym Symbols

T5E8.110; T5E8\_110

## NCBI Protein Information

hypothetical protein

## UniProt Gene Name

At5g09310

## UniProt Protein Name

Probable gamma-secretase subunit PEN-2

## UniProt Entry Name

PEN2\_ARATH

## UniProt Primary Accession #

Q9FY84

## UniProt Related Accession #

Q9FY84

## UniProt Comments

Probable subunit of the gamma-secretase complex, an endoprotease complex that catalyzes the intramembrane cleavage of integral membrane proteins such as Notch receptors.

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