

# Syntaxin-51 (SYP51), Recombinant Protein

Cat      *RP05119*

Size      0.5 mg (*E-Coli*)/ 0.05 mg (*Baculovirus*)/ 0.5 mg (*Yeast*)/ 0.05 mg  
(*Mammalian-Cell*)/ 1 mg (*E-Coli*)/ 0.1 mg (*Baculovirus*)/ 1 mg  
(*Yeast*)/ 0.1 mg (*Mammalian-Cell*)

## Species

*Arabidopsis thaliana* (Mouse-ear cress)

## Full Product Name

Recombinant *Arabidopsis thaliana* Syntaxin-51 (SYP51), partial

## Product Gene Name

SYP51 recombinant protein

## Product Synonym Gene Name

SYP51

## Purity

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

## Sequence

MASSSDSWMR AYNEALKLSE EINGMISERS SSAVTGPDAQ RRASAIRRKI TIFGNKLDLQ QSLAEIHGK  
PISEKEMNRR KDMVGNLRSK ANQMANALNM SNFANRDSLL GPDIPDDSM SRVTGMDNQG IVGYQRQVMR  
EQDEGLEQLE GTVMSTKHIA LAVSEELDLQ TRLIDDLDYH VDVTD SRLRR VQKSLAVMNK NMRSGCSC

## Sequence Positions

1-208

## Format

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

## Host

*E Coli* or *Yeast* or *Baculovirus* or *Mammalian Cell*

## Molecular Weight

25,889 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

Syntaxin

## NCBI Accession #

NP\_001031054.1

## NCBI GI #

79318036

## NCBI GenBank Nucleotide #

NM\_001035977.1

## NCBI GeneID

838193

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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(Mammalian-Cell)/ 1 mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg  
(Yeast)/ 0.1 mg (Mammalian-Cell)

## NCBI Official Full Name

syntaxin of plants 51

## NCBI Official Symbol

SYP51

## NCBI Official Synonym Symbols

ATSYP51; F3O9.4; F3O9\_4; syntaxin of plants 51

## NCBI Protein Information

syntaxin of plants 51

## NCBI Summary

Encodes one of 24 Arabidopsis syntaxins. Its mRNA has been shown to be expressed.

## UniProt Gene Name

SYP51

## UniProt Synonym Gene Names

AtSYP51

## UniProt Protein Name

Syntaxin-51

## UniProt Primary Accession #

Q9SA23

## UniProt Related Accession #

Q9SA23

## UniProt Comments

Vesicle trafficking protein that functions in the secretory pathway.

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