

# Product Information

## Recombinant Anti-Human syp Antibody scFv Fragment

Cat. No.: **MOM-18494-S(P)**

This product is for research use only and is not intended for diagnostic use.

### Product Overview

Recombinant Mouse Antibody scFv Fragment is bind to Human SYP, expressed in E. coli

### Antigen Description

Possibly involved in structural functions as organizing other membrane components or in targeting the vesicles to the plasma membrane. Involved in the regulation of short-term and long-term synaptic plasticity.

### Specific Activity

Tested positive against native antigen.

### Target

SYP

### Immunogen

Presynaptic vesicles.

### Source

Mouse

### Species Reactivity

Human

### Type

scFv

### Expression Host

E. coli

### Purity

>95.0%, determined by analysis by RP-HPLC & analysis by SDS-PAGE.

### Applications

Suitable for use in ELISA, WB, Neut and most other immunological methods.

### Storage

At -20°C for one year.

## ANTIGEN GENE INFORMATION

### Gene Name

[SYP synaptophysin \[ Homo sapiens \]](#)

**Official Symbol**

SYP

**Synonyms**

SYP; synaptophysin; major synaptic vesicle protein P38; MRXSYP

**Gene ID**

[6855](#)

**mRNA Refseq**

[NM\\_003179](#)

**Protein Refseq**

[NP\\_003170](#)

**MIM**

[313475](#)

**UniProt ID**

P08247

**Chromosome Location**

Xp11.23-p11.22

**Function**

SH2 domain binding; calcium ion binding; cholesterol binding; identical protein binding; syntaxin-1 binding; transporter activity;