

# Product Information

## **MemDX™ Membrane Protein Human SYNGR2 (Synaptogyrin 2) expressed in *In vitro* wheat germ expression system for Antibody Discovery**

Cat. No.: **MP1318X**

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

This product is a 50.27 kDa Human SYNGR2 membrane protein expressed in *In vitro* wheat germ expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

### Product Specifications

#### Host Species

Human

#### Target Protein

SYNGR2

#### Protein Length

Full-length

#### Molecular Weight

50.27 kDa

#### TMD

4

#### Sequence

MESGAYGAAKAGGSFDLRRFLTQPQVVARAVCLVFALIVFSCIYGEGYSNAHESKQMYCVFNERNEDACRYGSAIGVLAFLASAFFL

### Product Description

#### Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

#### Expression Systems

*in vitro* wheat germ expression system

#### Tag

GST-tag at N-terminal

#### Protein Format

Liposome

#### Form

Liquid

**Purification**

Glutathione Sepharose 4 Fast Flow

**Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0

**Storage**

Store at +4°C for up to one week or several months at -80°C

**Target****Target Protein**

SYNGR2

**Full Name**

Synaptogyrin 2

**Introduction**

This gene encodes an integral membrane protein containing four transmembrane regions and a C-terminal cytoplasmic tail that is tyrosine phosphorylated. The exact function of this protein is unclear, but studies of a similar rat protein suggest that it may play a role in regulating membrane traffic in non-neuronal cells. The gene belongs to the synaptogyrin gene family. Alternative splicing results in multiple transcript variants.

**Alternative Names**

synaptogyrin-2; cellugyrin

**Gene ID**

[9144](#)

**UniProt ID**

[Q43760](#)