

Product Information

MemDX™ Membrane Protein Human SYNGR1 (Synaptogyrin 1) Expressed *in vitro* E.coli expression system, Full Length

Cat. No.: **MPX2263K**

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

This product is a Human SYNGR1 membrane protein expressed *in vitro* E.coli 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

SYNGR1

Protein Length

Full Length

Protein Class

Receptor

TMD

4

Sequence

MEGGAYGAGKAGGAFDPYTLVRQPHTILRVVSWLFSIVVFGSIVNEGYLNSASEGEEFCIYNRNPACSYGVAVGVLAFLTCLLYLA

Product Description

Expression Systems

in vitro E.coli expression system

Tag

10xHis and SUMO tag

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

SYNGR1

Full Name

Synaptogyrin 1

Introduction

This gene encodes an integral membrane protein associated with presynaptic vesicles in neuronal cells. The exact function of this protein is unclear, but studies of a similar murine protein suggest that it functions in synaptic plasticity without being required for synaptic transmission. The gene product belongs to the synaptogyrin gene family. Three alternatively spliced variants encoding three different isoforms have been identified.

Alternative Names

SYNGR1; synaptogyrin-1; Synaptogyrin 1

Gene ID

[9145](#)

UniProt ID

[O43759](#)