

## Product Information

### MemDX™ Membrane Protein Human SYNDIG1 (Synapse differentiation inducing 1) Full Length

Cat. No.: **MPC1775K**

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

This product is a 28.5 kDa Human SYNDIG1 membrane protein expressed in HEK293. 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

SYNDIG1

##### Protein Length

Full length

##### Protein Class

Transporter

##### Molecular Weight

28.5 kDa

##### TMD

2

##### Sequence

MDGIIEQKSMVLVHISKISDAGKRNGLINTRNLMAESRDGLVSVYPAPQYQS  
HRVGASTVPASLDSSRSEPMQQLDPNTLQQSVESRYRPNIIYSEGVLR  
SWG DGVAADCCETT FIEDRSPTKDSLEY PDGKFIDLSADDIKIHTLSYDV  
EEEEEFQELES DYSSDTESEDNFLMMPPRDHLGLSVFSMLCCFWPLGIAA  
FYLSHETNKAVAKGDLHQASTSSRRALFLAVLSITIGTGVYVGVAVALIA  
YLSKNNHL

#### Product Description

##### Expression Systems

HEK293

##### Tag

Based on specific requirements

**Protein Format**

Detergent or based on specific requirements

**Form**

Liquid

**Storage**

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

**Target****Target Protein**

SYNDIG1

**Full Name**

Synapse differentiation inducing 1

**Introduction**

This gene encodes a protein that belongs to the interferon-induced transmembrane family of proteins. A similar protein in rat is thought to regulate the development of excitatory synapses.

**Alternative Names**

SYNDIG1; DSPC2; IFITMD5; TMEM90B; C20orf39; synapse differentiation-inducing gene protein 1; dispanin subfamily C member 2; interferon induced transmembrane protein domain containing 5; synapse differentiation induced gene 1; transmembrane protein 90B; Synapse differentiation inducing 1

**Gene ID**

[79953](#)

**UniProt ID**

[Q9H7V2](#)