

Product Information

MemDX™ Membrane Protein Human SYT2 (Synaptotagmin 2) Full Length

Cat. No.: **MPC4040K**

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

This product is a made-to-order Human SYT2 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

SYT2

Protein Length

Full length

Protein Class

Receptor

TMD

1

Sequence

MRNIFKRNQEPIVAPATTTATMPIGPVDNSTESGGAGESQEDMFAKLKEK
LFNEINKIPLPPWALIAIYVAGLLLLTCCFCICKKCCCKKKKNKKEKGK
GMKNAMNMKDMKGGQDDDDAETGLTEGEGEGEEKEPENLGKLQFSLDYD
FQANQLTVGVLQAAELPALDMGGTSDPYVKVFLLPDKKKKYETKVHRKTL
NPAFNETFTFKVPYQELGGKTLVMAIYDFDRFSKHDIIGEVKVPMNTVDL
GQPIEEWRDLQGGEKEEPEKLGDICTSLRYVPTAGKLTVCILEAKNLKKM
DVGGGLSDPYVKIHLMQNGKRLKKKKTTVKKKTLNPYFNESFSFEIPFEQI
QKVQVVTVLDYDKLGKNEAIGKIFVGSNATGTCLRHWSDMLANPRRPIA
QWHSKPEEEVDALLGKNK

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

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**

SYT2

Full Name

Synaptotagmin 2

Introduction

This gene encodes a synaptic vesicle membrane protein. The encoded protein is thought to function as a calcium sensor in vesicular trafficking and exocytosis. Mutations in this gene are associated with myasthenic syndrome, presynaptic, congenital, with or without motor neuropathy. Alternative splicing results in multiple transcript variants.

Alternative Names

SYT2; CMS7; MYSPC; SytII; synaptotagmin-2; synaptotagmin II; Synaptotagmin 2

Gene ID

[127833](#)

UniProt ID

[Q8N9I0](#)