

Product Information

MemDX™ Membrane Protein Human SNPH (Syntaphilin) Full Length

Cat. No.: **MPC4560K**

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

This product is a made-to-order Human SNPH 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

SNPH

Protein Length

Full length

Protein Class

Receptor

TMD

1

Sequence

MAMSLPGSRRTSAGSRRRTSPPVSVRDAYGTSSLSSSSNSGSYKGSDSSP
TPRRSMKYTLCSDNHGKIPPTPEQYLTPLQQKEVCIRHLKARLKDTQDRL
QDRDTEIDDLKTQLSRMQEDWIEEECHRVEAQLALKEARKEIKQLKQVID
TVKNNLIDKDKGLQKYFVDINIQNKKLETLLHSMEVAQNGMAKEDGTGES
AGGSPARSLTRSSSTYTKLSDPAVCGDRQPGDPSSGSAEDGADSGFAAADD
TLSRDALEASSLLSSGVDCGTEETSLHSSFGLGPRFPASNTYEKLLCGM
EAGVQASCMQERAIQTDFVQYQPDLDITLEKVTQAQVCGTDPESGDRCPE
LDAHPSGPRDPNSAVVVTVGDELEAPEPITRGPTPQRPGANPNPGQSVSV
VCPMEEEEEAAVAEKEPKSYWSRHYIVDLLAVVVPVPTVAWLCRSQRRQ
GQPIYNISLLRGCTVALHSIRIRISCRSLSQPSPSPAGGGSQL

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**

SNPH

Full Name

Syntaphilin

Introduction

Syntaxin-1, synaptobrevin/VAMP, and SNAP25 interact to form the SNARE complex, which is required for synaptic vesicle docking and fusion. The protein encoded by this gene is membrane-associated and inhibits SNARE complex formation by binding free syntaxin-1. Expression of this gene appears to be brain-specific. Alternative splicing results in multiple transcript variants encoding different isoforms.

Alternative Names

SNPH; KIAA0374; Syntaphilin

Gene ID

[9751](#)

UniProt ID

[O15079](#)