

Product Information

MemDX™ Membrane Protein Human SYBU (Syntabulin) Full Length

Cat. No.: **MPC4602K**

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

This product is a made-to-order Human SYBU 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

SYBU

Protein Length

Full length

Protein Class

Receptor

TMD

1

Sequence

MGPLRESKKEHRVQHHDKEISRSRIPRLILRPHMPQQQHKVSPASESPFS
EEESREFNPSSSGRSARTVSSNSFCSDDTGCPSSQSVSPVKTPSDAGNSP
IGFCPGSDEGFTRKKCTIGMVGEQSIQSSRYKKESKGLVKPGSEADFSS
SSSTGSISAPEVHMSTAGSKRSSSSRNRGPHGRSNGASSHKPGSSPSSPR
EKDLLSMLCRNQLSPVNIHPSYAPSSPSSNSGSYKGSDCSPIMRRSGRY
MSCGENHGVPPNPEQYLTPQQKEVTVRHLKTKLKESERRLHERESEIV
ELKSQLARMREDWIEEECHRVEAQLALKEARKEIKQLKQVIETMRSSLAD
KDKGIQKYFVDINIQNKKLESLLQSMEMAHSGSLRDELCLDFPCDSPEKS
LTLNPPLDTMADGLSLEEQVTGEGADRELLVGDSIANSTDLFDEIVTATT
TESGDLELVHSTPGANVLELLPIVMGQEEGVSVVVERAVQTDVVPYSPAIS
ELIQSVLQKLQDPCPSSLASPDESEPDSMESFPESLSALVVDLTPRNPNS
AILLSPVETPYANVDAEVHANRLMRELDFAACVEERLDGVIPLARGGVVR
QYWSSSFLVDLLAVAAPVVPTVLWAFSTQRGGTDVPYNIGALLRGCCVVA
LHSLRRTAFRIKT

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**

SYBU

Full Name

Syntabulin

Introduction

Syntabulin/GOLSYN is part of a kinesin motor-adaptor complex that is critical for the anterograde axonal transport of active zone components and contributes to activity-dependent presynaptic assembly during neuronal development.

Alternative Names

SYBU; OCSYN; SNPHL; GOLSYN; GOLSYN A protein; GOLSYN B protein; GOLSYN C protein; Golgi-localized protein; golgi-localized syntaphilin-related protein; implicated in syntaxin trafficking in neurons; microtubule-associated protein; syntabulin (syntaxin-interacting); syntaxin-1-binding protein; Syntabulin

Gene ID

[55638](#)

UniProt ID

[Q9NX95](#)