

Product Information

MemDX™ Membrane Protein Human SPNS2 (Sphingolipid transporter 2) Full Length

Cat. No.: **MPC2055K**

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

This product is a 58 kDa Human SPNS2 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

SPNS2

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

58 kDa

TMD

11

Sequence

MMCLECASAAAGGAEEEEADAERRRRRRGAQRGAGGSGCCGARGAGGAGV
SAAGDEVQTLSGSVRRAPTGPPGTPGTPGCAATAKPGAQQPKPASLGRG
RGAAAAILSLGNVLNYLD RYTVAGVLLDIQQHFGVKDRGAGLLQSVFICS
FMVAAPIFGYLGDRFN RKVILSCGIFFWSAVTFSSSFIPQQYFWLLVLSR
GLVGIGEASYSTIAPTII GDLFTKNTRLMLSVFYFAIPLGSGLG YITGS
SVKQAAGDWHWALRVSPVLGMITGTLILILVPATKRGHADQLGDQLKART
SWLRDMKALIRNRSYVFSS LATS AVSFATGALGMWIPLYLHRAQVVQKTA
ETCNSPPCGAKDSLIFGAITCFTGFLGVVTGAGATRWCR LKTQRADPLVC
AVGMLGSAIFICLIFVAAKSSIVGAYICIFVGETLLFSNWAITADILMYV
VIPTRRATAVALQSFTSHLLGDAGSPYLIGFISDLIRQSTKDSPLWEFLS
LGYALMLCPFVVVLGGMFFLATALFFVSDRARAEEQQVNQLAMPPASVKV

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**

SPNS2

Full Name

Sphingolipid transporter 2

Introduction

The protein encoded by this gene is a transporter of sphingosine 1-phosphate, a secreted lipid that is important in cardiovascular, immunological, and neural development. Defects in this gene are a cause of early onset progressive hearing loss.

Alternative Names

SPNS2; DFNB115; SLC62A2; SLC63A2; protein spinster homolog 2; SPNS sphingolipid transporter 2; spinster homolog 2; Sphingolipid transporter 2

Gene ID

[124976](#)

UniProt ID

[Q8IVW8](#)