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Product Information

MemDX™ Membrane Protein Human ZFYVE27 (Zinc finger FYVE-type containing 27) Full Length

Cat. No.: **MPC3066K**
This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human ZFYVE27 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
ZFYVE27

Protein Length
Full length

Protein Class
Transporter

TMD
3

Sequence
MQTSEREGSGPELSPSVMPEAPLESPPFPTKSPAFDLFNLVLSYKRLEIY
LEPLKDAGDGVRYLLRWQMPLCSLLTCLGLNVLFLTLNEGAWYSVGALMI
SVPALLGYLQEVCRARLPDSELMRRKYHSVRQEDLQRGRLSRPEAVAEVK
SFLIQLEAFLSRLCCTCEAAYRVLHWENPVVSSQFYGALLGTVCMLYLLP
LCWVLTLLNSTLFLGNVEFFRVVSEYRASLQQRMNPKQEEHAFESPPPPD
VGGKDGLMDSTPALTPTEDLTPGSVEEAEEAEPDEEFKDAIEETHLVVLE
DDEGAPCPAEDELALQDNGFLSKNEVLRSKVSRLTERLRKRYPTNNFGNC
TGCSATFSVLKKRRSCSNCGNSFCSRCCSFKVPKSSMGATAPEAQRETVF
VCASCNQTLSK

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

ZFYVE27

Full Name

Zinc finger FYVE-type containing 27

Introduction

This gene encodes a protein with several transmembrane domains, a Rab11-binding domain and a lipid-binding FYVE finger domain. The encoded protein appears to promote neurite formation. A mutation in this gene has been reported to be associated with hereditary spastic paraplegia, however the pathogenicity of the mutation, which may simply represent a polymorphism, is unclear.

Alternative Names

ZFYVE27; SPG33; PROTRUDIN; protrudin; spastic paraplegia 33 protein; zinc finger FYVE domain containing 27; Zinc finger FYVE-type containing 27

Gene ID

118813

UniProt ID

Q5T4F4