SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

MemDX™ Membrane Protein Human ZFYVE27 (Zinc finger FYVE-type containing 27, transcript variant 5) for Antibody Discovery

Cat. No.: **MP0348J**
This product is for research use only and is not intended for diagnostic use.

This product is a 35.7 kDa Human ZFYVE27 membrane protein expressed in HEK293T. 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
Transmembrane

Molecular Weight
35.7 kDa

TMD
3

Sequence
MQTSEREGSGPELSPSVMPEAPLESPPFPTKSPAFDLFNLVLSYKRLEIYLEPLKDAGDGVRYLLSLIQL
EAFLSRLCCTCEAAYRVLHWENPVVSSQFYGALLGTVCMLYLLPLCWVLTLLNSTLFLGNVEFFRVVSEY
RASLQQRMNPKQEEHAFESPPPPDVGGKDGLMDSTPALTPTEDLTPGSVEEAEEAEPDEEFKDAIEEDDE
GAPCPAEDELALQDNGFLSKNEVLRSKVSRLTERLRKRYPTNNFGNCTGCSATFSVLKKRRSCSNCGNSF
CSRCCSFKVPKSSMGATAPEAQRETVFVCASCNQTLSK

Product Description

Expression Systems
HEK293T

Tag
C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

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

PROTRUDIN; SPG33; spastic paraplegia 33 protein; zinc finger FYVE domain containing 27

Gene ID

118813

UniProt ID

Q5T4F4