

Product datasheet for PH306193

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

ZFYVE27 (NM_144588) Human Mass Spec Standard

Product data:

Product Type: Mass Spec Standards

Description: ZFYVE27 MS Standard C13 and N15-labeled recombinant protein (NP_653189)

Species: Human
Expression Host: HEK293

Expression cDNA Clone

RC206193

or AA Sequence: Predicted MW:

45.8 kDa

Protein Sequence: >RC206193 protein sequence

Red=Cloning site Green=Tags(s)

MQTSEREGSGPELSPSVMPEAPLESPPFPTKSPAFDLFNLVLSYKRLEINLEPLKDAGDGVRYLLRWQMP LCSLLTCLGLNVLFLTLNEGAWYSVGALMISVPALLGYLQEVCRARLPDSELMRRKYHSVRQEDLQRVRL SRPEAVAEVKSFLIQLEAFLSRLCCTCEAAYRVLHWENPVVSSQFYGALLGTVCMLYLLPLCWVLTLLNS TLFLGNVEFFRVVSEYRASLQQRMNPKQEEHAFESPPPPDVGGKDGLMDSTPALTPTEDLTPGSVEEAEE AEPDEEFKDAIEETHLVVLEDDEGAPCPAEDELALQDNGFLSKNEVLRSKVSRLTERLRKRYPTNNFGNC

TGCSATFSVLKKRRSCSNCGNSFCSRCCSFKVPKSSMGATAPEAQRETVFVCASCNQTLSK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

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

Concentration: $>0.05 \mu g/\mu L$ as determined by microplate BCA method

Labeling Method: Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3

Storage: Store at -80°C. Avoid repeated freeze-thaw cycles.

Stability: Stable for 3 months from receipt of products under proper storage and handling conditions.

RefSeq: NP 653189

RefSeq Size: 3059 RefSeq ORF: 1233

Synonyms: PROTRUDIN; SPG33

Locus ID: 118813





ZFYVE27 (NM_144588) Human Mass Spec Standard - PH306193

UniProt ID: Q5T4F4

Cytogenetics: 10q24.2

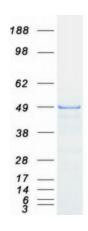
Summary: This gene encodes a protein with several transmembrane domains, a Rab11-binding domain

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. [provided by RefSeq, Mar 2010]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified ZFYVE27 protein (Cat# [TP306193]). The protein was produced from HEK293T cells transfected with ZFYVE27 cDNA clone (Cat# [RC206193]) using MegaTran 2.0 (Cat# [TT210002]).