

Recombinant Human ZFYVE27 Protein, MYC/DDK-tagged

Cat. No. ZFYVE27-137H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human zinc finger, FYVE domain containing 27 (ZFYVE27), transcript variant 2 with a C-Myc/DDK tag was expressed in HEK293T.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	45.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

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GENE INFORMATION

Gene Name ZFYVE27 zinc finger FYVE-type containing 27 [Homo sapiens (human)]

Official Symbol ZFYVE27

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

Gene ID 118813

mRNA Refseq NM_144588

Protein Refseq NP_653189

MIM 610243

UniProt ID Q5T4F4

SDS-PAGE



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