

## Recombinant Human ZFYVE27 Protein, MYC/DDK-tagged

Cat. No. ZFYVE27-134H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of Homo sapiens zinc finger, FYVE domain containing 27 (ZFYVE27), transcript variant 6 with a C-Myc/DDK tag was expressed in HEK293T.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	35.1 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method

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

## 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\_001174121

**Protein Refseq** NP\_001167592

**MIM** 610243

**UniProt ID** Q5T4F4

**SDS-PAGE**

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