

## Product datasheet for **TP306193**

### ZFYVE27 (NM\_144588) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human zinc finger, FYVE domain containing 27 (ZFYVE27), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206193 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MQTSEREGSGPELSPSVMPEAPLESPPFPTKSPAFDLFNLVLSYKRLEINLEPLKDAGDGVRYLLRWQMP          LCSLLTCLGLNVLFLLTLNEGAWYSVGMALMISVPALLGYLQEVCRARLPDSELMRRKYHSVRQEDLQVRVL          SRPEAVA EVKSFLIQLEAFLSRLCCTCEAAYRVLHWENPVSSQFYGALLGTVCMLYLLPLCWVLLTLLNS          TLFLGNVEFFRVSEYRASLQQRMNPKQEEHAFESPPPPDVGGKDG LMDSTPALTPTEDLTPGSVEEAAE          AEPDEEFKDAIEETHLVLEDDGAPCPAEDELALQDNGFLSKNEVLR SKVSRLTERLRKRYPTNNGNC          TGCSATFSVLKRRSCSNCGNSFCSRCCSFKVPKSSMGATAPEAQRETVFVCASCNQTL SK</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-Myc/DDK
Predicted MW:	45.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_653189</a></u>



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Locus ID: 118813

UniProt ID: [Q5T4F4](#)

RefSeq Size: 3059

Cytogenetics: 10q24.2

RefSeq ORF: 1233

Synonyms: PROTRUDIN; SPG33

**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]).