

## Product datasheet for TP319897

### ZFYVE27 (NM\_001002261) Human Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human zinc finger, FYVE domain containing 27 (ZFYVE27), transcript variant 1, 20 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC219897 representing NM_001002261 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MQTSEREGSGPELSPSVMPEAPLESPPFPPTKSPAFDLFNLVLSYKRLEIYLEPLKDAGDGVRYLLRWQMP LCSLLTCLGLNVFLTLNEGAWYSVGALMISVPALLGYLQEVCRARLPDSELMRRKYHSVRQEDLQRGRL SRPEAVA EVKSFLIQLEAFLSRLCCTCEAAYRVLHWENPVSSQFYGALLGTVCMLYLLPLCWVLTLLNS TLFLGNVEFFRVSEYRASLQQRMNPKQEEHAFESPPPPDVGGKDG LMDSTPALTPTESLSSQDLTPGSV EEAAAEPDEEFKDAIEETHLVLEDDGAPCPAEDELALQDNGFLSKNEVLRSKVSRLTERLRKRYPTN NFGNCTGCSATFVLKRRRSCSNCGNSFCRCCSFKVPKSSMGATAPEAQRETVFVCASCNQTLSK</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	46.2 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<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>RefSeq:</b>	<u><a href="#">NP_001002261</a></u>



[View online »](#)

Locus ID: 118813

UniProt ID: [Q5T4F4](#)

RefSeq Size: 3045

Cytogenetics: 10q24.2

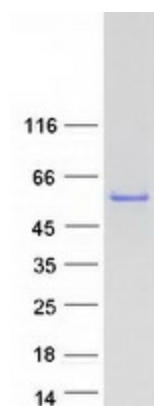
RefSeq ORF: 1248

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# TP319897). The protein was produced from HEK293T cells transfected with ZFYVE27 cDNA clone (Cat# [RC219897]) using MegaTran 2.0 (Cat# [TT210002]).