

Product datasheet for **TP313044**

ZFYVE19 (NM_001077268) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human zinc finger, FYVE domain containing 19 (ZFYVE19), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC213044 representing NM_001077268 Red =Cloning site Green =Tags(s) MNYDSQQPPLPLPYAGCRRASGFALGRGGTVPVGVWGGAGQGREGRSWGEGPRGPGLGRRDLSSADPA VLGATMESRCYGCAVKFTLFKKEYGCKNCGRAFCSGCLSFSAAVPRTGNTQQKVCKQCHEVLTRGSSANA SKWSPPNYKKRVAALEAKQKPSTSQSQGLTRQDQMIAERLARLRQENKPKLVPSQAEIARLAALKDER QGSIPSTQEMEARLAALQGRVLPSTPQPAHHTPDTRTQAQQTQDLLTQLAAEVAIDESWKGGGPAASLQ NDLNQGGPGSTNSKRQANWSLEEEKSRLLAEEALELREENTRQERILALAKRLAMLRGQDPERVTLQDYR LPDSDDDEDEETAIQRVLQQLTEEASLDEASGFNIPAEQASRPWTQPRGAEPEAQDVPDPRPEAEELPW CCICNEDATLRCAGCDGDLFCARCFREGHDAFELKEHQTSAYSPPRAGQEH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	51.4 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:	NP_001070736



[View online »](#)

Locus ID: 84936

UniProt ID: [Q96K21](#)

RefSeq Size: 2293

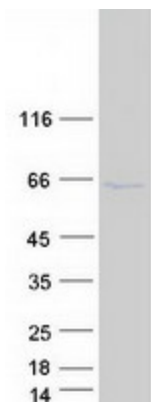
Cytogenetics: 15q15.1

RefSeq ORF: 1413

Synonyms: ANCHR; MPFYVE

Summary: Key regulator of abscission step in cytokinesis: part of the cytokinesis checkpoint, a process required to delay abscission to prevent both premature resolution of intercellular chromosome bridges and accumulation of DNA damage. Together with CHMP4C, required to retain abscission-competent VPS4 (VPS4A and/or VPS4B) at the midbody ring until abscission checkpoint signaling is terminated at late cytokinesis. Deactivation of AURKB results in dephosphorylation of CHMP4C followed by its dissociation from ZFYVE19/ANCHR and VPS4 and subsequent abscission. [UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified ZFYVE19 protein (Cat# TP313044). The protein was produced from HEK293T cells transfected with ZFYVE19 cDNA clone (Cat# [RC213044]) using MegaTran 2.0 (Cat# [TT210002]).