

Product datasheet for **TP313044M**

ZFYVE19 (NM_001077268) Human Recombinant Protein

Product data:

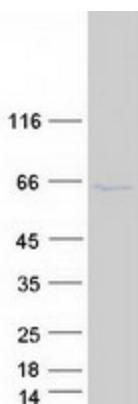
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human zinc finger, FYVE domain containing 19 (ZFYVE19), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC213044 representing NM_001077268 Red =Cloning site Green =Tags(s)
	<p>MNYDSQQPPLPPLPYAGCRRASGFALGRGGTVPVGVWGGAGQGREGRSWGEGPRGPGLGRRDLSSA DPA VLGATMESRCYGCAVKFTLFKKEYGCKNCGRAFCGCLSFSAAPRTGNTQQKVCKQCHEVLTRGSSANA SKWSPPQNYKKRVAALEAKQKPSTSQSQGLTRQDQMIARLARLRQENPKLVPSQAEIARLAALKDER QGSIPSTQEMEARLAALQGRVLPSTPQPAHHTPDTRTQAQQTQDLLTQLAAEVAIDESWKGGGPAASL Q NDLNQGGPGSTNSKRQANWSLEEEKSRLAEAALELREENTRQERILALAKRLAMLRGQDPERVTLQDYR LPDSDDEDEETAIQRLVQLTEEASLDEASGFNIPAEQASRPWTQPRGAPEAQDVPDPRPEAEELPW CCICNEDATLRCAGCDGDLFCARCFREGHDAFELKEHQTSAYSPPRAGQEH</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
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.



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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>NP_001070736</u>
Locus ID:	84936
UniProt ID:	<u>Q96K21</u>
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]).