

Product datasheet for PH313044

ZFYVE19 (NM_001077268) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ZFYVE19 MS Standard C13 and N15-labeled recombinant protein (NP_001070736)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213044
Predicted MW:	51.4 kDa
Protein Sequence:	>RC213044 representing NM_001077268 Red =Cloning site Green =Tags(s)

MNYDSQQPPLPPLPYAGCRRASGFPALGRGGTVPGVWGGAGQGREGRSWGEGPRGPGLGRRDLSSADPA
 VLGATMESRCYCAVKFTLFKKEYGCKNCGRFCSGCLSFSAAVPRTGNTQQKVCKQCHEVLTRGSSANA
 SKWSPQNYKKRVAALAKQKPSTSQSQGLTRQDMIAERLARLRQENKPKLVPSQAEIEARLAALKDER
 QGSIPSTQEMEARLAALQGRVLPSTPQPAHHTPDTRTQAQQTQDLLTQLAAEVAIDESWKGGPAASLQ
 NDLNQQGGPGSTNSKRQANWSLEEEKSRLLAEEALELREENTRQERILALAKRLAMLRGQDPERVTLQDYR
 LPDSDDEDEETAIQRVLQQLTEEASLDEASGFNIPAEQASRPWTQPRGAEPEAQDVPDPRPEAAAAEELPW
 CCICNEDATLRCAGCDGDLFCARCFREGHDAFELKEHQTSAYSPPRAGQEH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001070736</u>
RefSeq Size:	2293
RefSeq ORF:	1413
Synonyms:	ANCHR; MPFYVE


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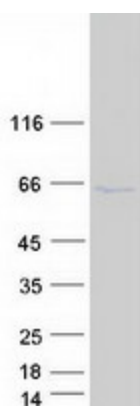
Locus ID: 84936

UniProt ID: [Q96K21](#)

Cytogenetics: 15q15.1

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]).