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Product datasheet for TP506077

Zfyve19 (NM_028054) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse zinc finger, FYVE domain containing 19 (Zfyve19), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206077 protein sequence Red=Cloning site Green=Tags(s) MESRCYGCAVKFTLFKKEYGCKNCGRAFCNGCLSFSALVPRAGNTQQKVCKQCHTILTRGSSDSASKWSP PQNYKKRVAALEAKKKSSTSQSQGLTHKDQAIAERLARLRQENKPKSVPSQAEIEARLAALKDEVQGPIP STQEMEDRLAALQGRVPPSHTVRLAHQAPDTRTQAQQTQDLLTQLTAEVAIDENCQPRASASLQNDLNK G AARSQRTNSQGQASQSLEAEKYKLLAEAAVELQEENTRQERILALAKRLAVLKGQDPSRVTLQDYHLPDS DEDEETAIQRVMQQLTEEAALDEASGFNIPEKPAPGSRAQPCKAEMEGPQAEEEELPWCCICNEDATLRC AGCDGDLYCARCFREGHDNFDLKEHQTSPYHPRRPCQEH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	43.2 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
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 after receiving vials.
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_082330
Locus ID:	72008

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UniProt ID:	Q9DAZ9
RefSeq Size:	1941
Cytogenetics:	2 E5
RefSeq ORF:	1167
Synonyms:	1500041L05Rik; ANCHR
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 (By similarity).[UniProtKB/Swiss-Prot Function]