OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TP502323

Zfyve21 (NM_026752) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse zinc finger, FYVE domain containing 21 (Zfyve21), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202323 protein sequence Red=Cloning site Green=Tags(s) MVPEHRAFGSPFGLEEPQWVPDKECPRCMQCDAKFDFITRKHHCRRCGKCFCDRCCSQKVPLRRMCFVDP VRQCADCALVSHREAEFYDKQLKVLLSGATFLVTFGDSEKPETMVCRLSNNQRCLVLDGDSHREIEIAHV CTVQILTEGFTPGAGSTRATGMLLQYTVPGAEAAAQLRLMAGEDASGSKRQAAAWLAAMHKATKLLYESR DQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	23.7 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_081028
Locus ID:	68520
UniProt ID:	Q8VCM3
RefSeq Size:	1310

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Cytogenetics:	12 F1
RefSeq ORF:	639
Synonyms:	1110013H04Rik; AW558780; C85416
Summary:	Plays a role in cell adhesion, and thereby in cell motility which requires repeated formation and disassembly of focal adhesions. Regulates microtubule-induced PTK2/FAK1 dephosphorylation, an event important for focal adhesion disassembly, as well as integrin beta-1/ITGB1 cell surface expression (By similarity).[UniProtKB/Swiss-Prot Function]