Recombinant Mouse ZFYVE1 Protein

Cat. No. ZFYVE1-19162M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Zfyve1 Protein was expressed in Insect cells.
Species	Mouse
Source	Insect Cells
Description	Predicted to enable phosphatidylinositol binding activity and phosphatidylinositol-3,4-bisphosphate binding activity. Involved in lipid droplet formation. Located in several cellular components, including Golgi apparatus; lipid droplet; and mitochondrion. Orthologous to human ZFYVE1 (zinc finger FYVE-type containing 1).
Form	PBS, pH 8.0.
Molecular Mass	87.7 kDa
AA Sequence	MSAQTSLAEKGLNPGLMCQESYACSGTDEAIFECDECCSLQCLRCEEELHRQE RL RNHERIRLKAGHVPYCDPCKGPNGHSPGVRQRAAVRCQTCKINLCLECQK RTHSG GNKRRHPITVYLVSKVQESLEGEEMDEETKRKKMTERVVSFLLVDEN EEIQVTNEE DFIRKLDCKPDQHLKVVSIFGNTGDGKSHTLNHTFFYGREVFKT SPAQESCTVGVW AAYDPVHKVAVIDTEGLLGATVNLSQRTRLLLKVLAISDLVI YRTHADRLHNDLFKFL GDASEAYLKHFTKELKATTARCGLDVPLSTLGPAVIIF HETVHTQLLGSDHPSEAPEK LIQDRFRKLGRFPEAFSSIHYKGTRTYNPPTDFS GLRRALEQLLENNTTRSPRHPGV IFKALKALSDRFSGEIPDDQMAHSSFFPDEY FTCSSLCLSCGAGCKNSMNHGKEGV PHEAKSRCRYSHQYDNRVYTCKACYE RGKEVSVVPKTSASTDSPWMGLAKYAWS GYVIECPNCGVVYRSRQYWFGNQ DPVDTVVRTEIVHVWPGTDAFLKDNNNAAQRL

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	LDGMNFMAQSVSELSLGPT KAVTSWLTDQIAPAYWRPNSQILSCNQCATSFKDND TKHHCRACGEGFCDSCS SKTRPVPERGWGPAPVRVCDSCYDARNVQLDVTEAQA DDEGGTLIARKVGE AVQNTLGAVVTAIDIPLGLVKDAARPAYWVPDHEILHCHNCRK EFSVKLSKHH CRACGQGFCDECSHDCRAVPSRGWDHPVRVCFNCNKKPGDLHH HHHH
Purity	Greater than 85% as determined by reducing SDS-PAGE.
Concentration	0.1 mg/ml

GENE INFORMATION

Gene Name	Zfyve1 zinc finger, FYVE domain containing 1 [Mus musculus (house mouse)]
Official Symbol	ZFYVE1
Synonyms	DFCP1; TAFF1; ZNFN2A1; mKIAA1589; G630053K23
Gene ID	217695
mRNA Refseq	NM_183154.4
Protein Refseq	NP_898977.2
UniProt ID	Q810J8

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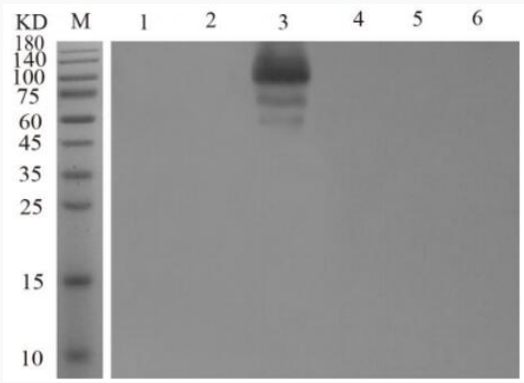
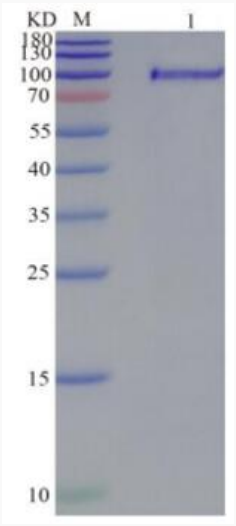
SDS-PAGE	 WB analysis of expression M, Protein marker 1, Cell secretion medium (ZFYVE1) 2, Cell lysis supernatant (ZFYVE1) 3, Cell lysis pellet (ZFYVE1) 4, Cell secretion medium (Negative) 5, Cell lysis supernatant (Negative) 6, Cell lysis pellet (Negative)
SDS-PAGE	 SDS-PAGE analysis of purified protein.

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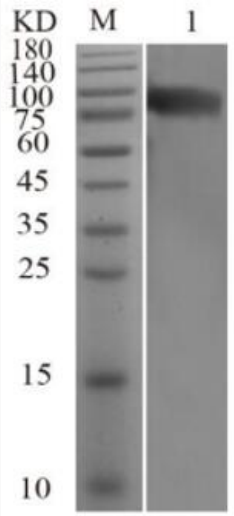
SDS-PAGE	 WB analysis of purified protein.

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