

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 SPAQESCTVGWV AAYDPVHKVAVIDTEGLLGATVNLSQRTRLLLKVLAISDLVI YRTHADRLHNDLFKFL GDASEAYLKHFTELKATTARCGLDVPLSTLGPVAVIF HETVHTQLLGSDHPSEAPEK LIQDRFRKLGRFPEAFSSIHYPKGRTRYNPPTDFS GLRRALEQLLENNTTRSPRHPGV IFKALKALSDRFSGEIPDDQMAHSSFFPDEY FTCSSLCLSCGAGCKNSMNHGKEGV PHEAKSRCRYSHQYDNRVYTCKACYE RGKEVSVVPKTSASTDSPWMGLAKYAWS GYVIECPNCGVVYRSRQYWFGNQ DPVDTVVRTEIVHWVPGTDAFLKDNNNAAQRL

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LDGMNFMAQSVSELSLGPT KAVTSWLTQIAPAYWRPNSQILSCNQCATSFKDND
 TKHHCRACGEGFCDCSCS 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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