

Recombinant Mouse Zfyve19 Protein, Myc/DDK-tagged

Cat. No. Zfyve19-7102M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse zinc finger, FYVE domain containing 19 (Zfyve19), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	43.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Zfyve19 zinc finger, FYVE domain containing 19 [*Mus musculus* (house mouse)]

Official Symbol Zfyve19

Synonyms ZFYVE19; zinc finger, FYVE domain containing 19; zinc finger FYVE domain-containing protein 19; 1500041L05Rik; MGC117612

Gene ID 72008

mRNA Refseq NM_028054

Protein Refseq NP_082330

UniProt ID Q9DAZ9

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