

Recombinant Human ZFYVE21 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ZFYVE21-1628H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ZFYVE21 MS Standard C13 and N15-labeled recombinant protein (NP_076976) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	26.5 kDa
AA Sequence	MSSEVSARRDAKKLVRSPLRMVPEHRAFGSPFGLLEPQWVPDKECRRCMQCD AKFDLFLTRKHHCRRCGKCFCDRCCSQKVPLRRMCFVDPVRQCAECALVSLKEAEF YDKQLKVLLSGATFLVTFGNSEKPETMTCRLSNNQRYLFLDGDSHYEIEIVHISTVQIL TEGFPPGGGNARATGMFLQYTVPGTEGVTQLKLTVEDVTVGRRQAVAWLVAMHK AAKLLYESRDQTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	ZFYVE21 zinc finger FYVE-type containing 21 [Homo sapiens (human)]
Official Symbol	ZFYVE21
Synonyms	ZFYVE21; zinc finger, FYVE domain containing 21; zinc finger FYVE domain-containing protein 21; MGC2550; ZF21; FYVE domain containing 21;
Gene ID	79038
mRNA Refseq	NM_024071
Protein Refseq	NP_076976
MIM	613504
UniProt ID	Q9BQ24

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