Recombinant Human ZFYVE16 cell lysate

Cat. No. ZFYVE16-1979HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Description	The ZFYVE16 gene encodes endofin, an endosomal protein implicated in regulating membrane trafficking. It is characterized by the presence of a phosphatidylinositol 3-phosphate-binding FYVE domain positioned in the middle of the molecule (Seet et al., 2004 [PubMed 14613930]).
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	ZFYVE16 zinc finger, FYVE domain containing 16 [Homo sapiens]
Official Symbol	ZFYVE16
Synonyms	ZFYVE16; zinc finger, FYVE domain containing 16; zinc finger FYVE domain-containing protein 16; endofin; KIAA0305; PPP1R69; protein phosphatase 1; regulatory subunit 69; endosome-associated FYVE domain protein; endosome-associated FYVE-domain protein; protein phosphatase 1, regulatory subunit 69;

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	ENDOFIN; DKFZp686E13162;
Gene ID	9765
mRNA Refseq	NM_001105251
Protein Refseq	NP_001098721
MIM	608880
UniProt ID	Q7Z3T8
Chromosome Location	5p15.2-q14.3
Pathway	BMP receptor signaling, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Signal Transduction, organism-specific biosystem; Signaling by BMP, organism-specific biosystem; TGF-beta receptor signaling, organism-specific biosystem; TGF-beta signaling pathway, organism-specific biosystem;
Function	1-phosphatidylinositol binding; metal ion binding; phosphatidylinositol-3,4,5-trisphosphate binding; protein binding; protein transporter activity;

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