

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

Cat. No. RILP-5625H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RILP MS Standard C13 and N15-labeled recombinant protein (NP_113618) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a lysosomal protein that interacts with RAB7, a small GTPase that controls transport to endocytic degradative compartments. Studies using mutant forms of the two proteins suggest that this protein represents a downstream effector for RAB7, and both proteins act together in the regulation of late endocytic traffic. A unique region of this protein has also been shown to be involved in the regulation of lysosomal morphology.
Molecular Mass	44 kDa
AA Sequence	MEPRRAAPGVPGWGSREAAGSASAAELVYHLAAGLGTQLDLARRFGPEAAAGLV PLVVRALELLEQAAVGPAPDSLQVSAQPAEQELRRLREENERLRREL RAGPQEERA LLRQLKEVTDRQRDELRAHNRDLRQRGQETEALQEQLQRLLL VNAELRHKLAAMQT QLRAAQDRERERQQPGEAATPQAKERARGQAGRPGHQHGQEP EWATAGAGAPG NPEDPAEAAQQLGRPSEAGQCRFSREEFEQILQERNELKAKVFL LKEELAYFQRELL TDHRVPGLLLEAMKVAVRKQRKKIKAKMLGTPEEAESSEDEAGPWILL SDDKGDHP PPPESKIQSFFGLWYRGKAESSEDETSSPAPSKLGGEEEAQPQSPAPDPPCSALHE

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	HLCLGASAAPEATRTRPLEQKLISEEDLAANDILDYKDDDDKV
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.
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.

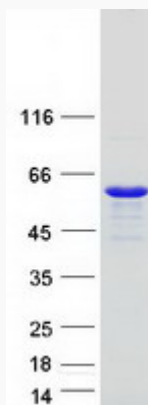
GENE INFORMATION

Gene Name	RILP Rab interacting lysosomal protein [Homo sapiens (human)]
Official Symbol	RILP
Synonyms	RILP; Rab interacting lysosomal protein; rab-interacting lysosomal protein; FLJ31193; PP10141;
Gene ID	83547
mRNA Refseq	NM_031430
Protein Refseq	NP_113618
MIM	607848
UniProt ID	Q96NA2

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SDS-PAGE

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