

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

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

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | RILP MS Standard C13 and N15-labeled recombinant protein (NP_113618) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Description</b>      | 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. |
| <b>Molecular Mass</b>   | 44 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>AA Sequence</b>      | MEPRRAAPGVPGWGSREAAGSASAAELVYHLAAGLGTQLDLARRFGPEAAAGLV<br>PLVVRALELLEQAAVGPAPDSLQVSAQPAEQELRRLREENERLRREL RAGPQEERA<br>LLRQLKEVTDRQRDELRAHNRDLRQRGQETEALQEQLQRLLL VNAELRHKLAAMQT<br>QLRAAQDRERERQQPGEAATPQAKERARGQAGRPGHQHGQEP EWATAGAGAPG<br>NPEDPAEAAQQLGRPSEAGQCRFSREEFEQILQERNELKAKVFL LKEELAYFQRELL<br>TDHRVPGLLLEAMKVAVRKQRKKIKAKMLGTPEEAESSEDEAGPWILL SDDKGDHP<br>PPPESKIQSFFGLWYRGKAESSEDETSSPAPSKLGGEEEAQPQSPAPDPPCSALHE                           |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                       |                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------|
|                       | HLCLGASAAPEATRTRPLEQKLISEEDLAANDILDYKDDDDKV                                                |
| <b>Purity</b>         | > 80% as determined by SDS-PAGE and Coomassie blue staining                                |
| <b>Stability</b>      | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA                                                              |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                    |

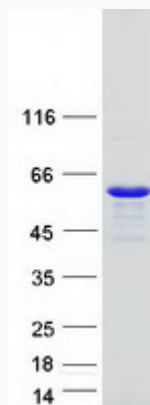
## GENE INFORMATION

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**SDS-PAGE**

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA