

Datasheet for ABIN7551356
RILP Protein (AA 1-401) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	RILP
Protein Characteristics:	AA 1-401
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RILP protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat RILP Protein expressed in mammalien cells.
Sequence:	MEPRRAAPGV PGWGSREAAG SASAAELVYH LAGALGTELQ DLARRFGPEA AAGLVPLVVR ALELLEQAAV GPAPDSLQVS AQPAEQELRR LREENERLRR ELRAGPQEER ALLRQLKEVT DRQRDELRAH NRDLRQRGQE TEALQEQLQR LLLVNAELRH KLAAMQTQLR AAQDRERERQ QPGEAATPQA KERARGQAGR PGHQHGQEPE WATAGAGAPG NPEDPAEAAQ QLGRPSEAGQ CRFSREEFEQ ILQERNELKA KVFLLEELA YFQRELLTDH RVPGLLLEAM KVAVRKQRKK IKAKMLGTPE EAESSEDEAG PWILLSDDKG DHPPPPESKI QSFFGLWYRG KAESSEDETS SPAPSKLGGE EEAQPQSPAP DPPCSALHEH LCLGASAAPE A Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris Page, Western Blot

Grade: custom-made

Target Details

Target: RILP

Alternative Name: RILP ([RILP Products](#))

Background: Rab-interacting lysosomal protein,FUNCTION: Rab effector playing a role in late endocytic transport to degradative compartments (PubMed:11696325, PubMed:14668488, PubMed:27113757, PubMed:11179213, PubMed:12944476). Involved in the regulation of lysosomal morphology and distribution (PubMed:14668488, PubMed:27113757). Induces recruitment of dynein-dynactin motor complexes to Rab7A-containing late endosome and lysosome compartments (PubMed:11179213, PubMed:11696325). Promotes centripetal migration of phagosomes and the fusion of phagosomes with the late endosomes and lysosomes (PubMed:12944476). {ECO:0000269|PubMed:11179213, ECO:0000269|PubMed:11696325, ECO:0000269|PubMed:12944476, ECO:0000269|PubMed:14668488, ECO:0000269|PubMed:27113757}.

Molecular Weight: 44.2 kDa

UniProt: [Q96NA2](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
