

Datasheet for ABIN7551634  
**RUFY1 Protein (AA 1-708) (His tag)**



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## Overview

Quantity:	1 mg
Target:	RUFY1
Protein Characteristics:	AA 1-708
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RUFY1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat RUFY1 Protein expressed in mammalian cells.
Sequence:	MADREGGCAA GRGRELEPEL EPGPGPGSAL EPGEEFEIVD RSQLPGPGDL RSATRPRAAE GWSAPILTLA RRATGNLSAS CGSALRAAAG LGGDSDGDGT ARAASKCQMM EERANLMHMM KLSIKVLLQS ALSLGRSLDA DHAPLQQFFV VMEHCLKHGL KVKSFIGQN KSFFGPLELV EKLCPASDI ATSVRNLPPEL KTAVGRGRAW LYLALMQKKL ADYLKVLIDN KHLLSEFYEP EALMMEEEGM VIVGLLVGLN VLDANLCLKG EDLDSQVGI DFSLYLKDVQ DLDGGKEHER ITDVLQQKNY VEELNRHLSC TVGDLQTKID GLEKTNLKLQ EELSAATDRI CSLQEEQQQL REQNELIRER SEKSVEITKQ DTKVELETYK QTRQGLDEMY SDVWKQLKEE KKVRELEKE LELQIGMKTE MEIAMKLEK DTHEKQDTLV ALRQQLEEVK AINLQMFHKA QNAESSLQQK NEAITSFEGK TNQVMSSMKQ MEERLQHSEAR ARQGAEERSH KLQQLGGRI GALQLQLSQL HEQCSSLEKE LKSEKEQRQA LQRELQHEKD TSSLLRMELQ QVEGLKKELR ELQDEKAELO KICEEQEQAL QEMGLHLSQS KLKMEDIKEV NQALKGHAWL KDDEATHCRQ CEKEFSISR

## Product Details

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KHHCRNCGHI FCNTCSSNEL ALPSYPKPVR VCDSCHTLLL QRCSSTAS **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.**

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### Characteristics:

#### Key Benefits:

- 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.

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

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Grade: custom-made

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## Target Details

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Target: RUFY1

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Alternative Name: RUFY1 ([RUFY1 Products](#))

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Background: RUN and FYVE domain-containing protein 1 (FYVE-finger protein EIP1) (La-binding protein 1) (Rab4-interacting protein) (Zinc finger FYVE domain-containing protein 12),FUNCTION: Binds phospholipid vesicles containing phosphatidylinositol 3-phosphate and participates in early endosomal trafficking. {ECO:0000269|PubMed:14617813}.

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Molecular Weight: 79.8 kDa

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UniProt: [Q96T51](#)

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## Application Details

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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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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