

Datasheet for ABIN7563013  
**Radixin Protein (RDX) (AA 1-583) (His tag)**



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## Overview

Quantity:	1 mg
Target:	Radixin (RDX)
Protein Characteristics:	AA 1-583
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Radixin protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Rdx Protein expressed in mammalian cells.
Sequence:	<p>MPKPINVRVT TMDAELEFAI QPNTTGKQLF DQVVKTVGLR EVWFFGLQYV DSKGYSTWLK</p> <p>LNKKVTQQDV KKENPLQFKF RAKFFPEDVS EELIQEITQR LFFLQVKEAI LNDEIYCPPE</p> <p>TAVLLASYAV QAKYGDYNKE IHKPGYLAND RLLPQRVLEQ HKLTKEQWEE RIQNWHEEHR</p> <p>GMLREDSMME YLKIAQDLEM YGVNYFEIKN KKGTELWLGV DALGLNIYEH DDKLTPKIGF</p> <p>PWSEIRNISF NDKKFVIKPI DKKAPDFVFY APRLRINKRI LALCMGNHEL YMRRRKPDIT</p> <p>EVQQMKAQAR EEKHQKQLER AQLENEKKKR EIAEKEKERI EREKEELMER LRQIEEQTVK</p> <p>AQKELEEQTR KALELEQERQ RAKEEAERLD RERRAAEEAK SAIKQAADQ MKNQEQLAAE</p> <p>LAEFTAKIAL LEEAKKKKEE EATEWQHKAFAAQEDLEKTK EELKTVMSAP PPPPPPPVIP</p> <p>PTENEHDEQD ENSAEASAEL SSEGVMNHRSEERTVETQK NERVKKQLQA LSSELAQARD</p> <p>ETKKTQNDVL HAENVKAGRD KYKTLRQIRQ GNTKQRIDEF EAM <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different</b></p>

## Product Details

**complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

### 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.

### Purity:

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

### Grade:

custom-made

## Target Details

### Target:

Radixin (RDX)

### Alternative Name:

Rdx ([RDX Products](#))

### Background:

Radixin (ESP10),FUNCTION: Probably plays a crucial role in the binding of the barbed end of actin filaments to the plasma membrane.

### Molecular Weight:

68.5 kDa

### UniProt:

[P26043](#)

### Pathways:

[Regulation of Actin Filament Polymerization](#), [Asymmetric Protein Localization](#), [SARS-CoV-2 Protein Interactome](#)

## Application Details

### Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies

Application Details

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