

Datasheet for ABIN7559168

## Rhotekin Protein (RTKN) (AA 1-564) (His tag)



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### Overview

Quantity:	1 mg
Target:	Rhotekin (RTKN)
Protein Characteristics:	AA 1-564
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Rhotekin protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat Rtkn Protein expressed in mammalian cells.
Sequence:	<p>MFSRNHRSRI TVARGSALEM EFKRGRFRLS FFSESPEDTE LQRKLDHEIR MRDGACKLLA          ACSQREQALE ATKSLVCNS RILSYMDELQ RRKEAQVLEK TGRPSDSVQ PAQHSPCRGR          VCISDLRIPL MWKDTEYFKN KGDLRWAVF LLLQIGELQ DTEMLVDRT LTDISFQNNV          LFAEAEPDFE LRLELYGACV EEEGALAGAP KRLATKLSSS LGRSSGKVR ASLDSAGASG          NSPVLLPTPA VGGPRFHLLA HTTLTLEEVQ DGFRTDHLT TSHEENPAWL PLYGSVCCRL          AAQPLCMIQP TASGALRVQ AGELQNGTLV HGVKGTNLF CYWRSEDADT GQEPLFTIVI          NKETRVAGE LEQAPWPFPT LSISNKYGDD EVTNTLQLES REALQNWMEA LWQLFFDMSQ          WRHCCDEVMK IETPAPRKPP QALAKQGSY HEMAIEPLDD IAAVDILAQ REGTRLEPSP          PWLAMFTDQP ALPSSCSPAS VAPVPTWMQP LPWGRPRTFS LDAAPADHSL GPSRSVAPLP          PQRSPKSRGF YSKSQLGPWL QSPV <b>Sequence without tag. The proposed Purification-Tag is          based on experiences with the expression system, a different complexity of the protein</b></p>

## Product Details

**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:

Rhotekin (RTKN)

### Alternative Name:

Rtkn ([RTKN Products](#))

### Background:

Rhotekin,FUNCTION: Mediates Rho signaling to activate NF-kappa-B and may confer increased resistance to apoptosis to cells in gastric tumorigenesis. May play a novel role in the organization of septin structures (By similarity). {ECO:0000250}.

### Molecular Weight:

63.0 kDa

### UniProt:

[Q8C6B2](#)

## 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