

Datasheet for ABIN7551633

Rhotekin Protein (RTKN) (AA 1-563) (His tag)



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Overview

Quantity:	1 mg
Target:	Rhotekin (RTKN)
Protein Characteristics:	AA 1-563
Origin:	Human
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:	MFSRNHRSRV TVARGSALEM EFKRGRFRLS LFSDLPEDTE LQRKLDHEIR MREGACKLLA ACSQREQALE ATKSLVCNS RILSYMGEIQ RRKEAQLGK TSSRPDSGP PAERSPCRGR VCISDLRIPL MWKDTEYFKN KGDLRWAVF LLLQLGEHIQ DTEMILVDRT LDISFQSNV LFAEAGPDFE LRLELYGACV EEEGALTGGP KRLATKLSSS LGRSSGRRVR ASLDSAGGSG SSPILLPTPV VGGPRYHLLA HTTLTAAVQ DGFRTHDLTL ASHEENPAWL PLYGSVCCRL AAQPLCMTQP TASGTLRVQQ AGEMQNWAQV HGVKGTNLF CYRQPEDADT GEEPLLTIAV NKETRVAGE LDQALGRPFT LSISNQYGDD EVTHLTQTES REALQSWMEA LWQLFFDMSQ WKQCCDEIMK IETPAPRKPP QALAKQGSY HEMAIEPLDD IAAVTDILTQ REGARLETPP PWLAMFTDQP ALPNPCSPAS VAPAPDWTHTP LPWGRPRTFS LDAVPPDHSP RARSVAPLPP QRSRTRGLC SKGQPRTWLQ SPV Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein

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. {ECO:0000269|PubMed:10940294, ECO:0000269|PubMed:15480428, ECO:0000269|PubMed:16007136}.

Molecular Weight:

62.7 kDa

UniProt:

[Q9BST9](#)

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.

Application Details

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