

Datasheet for ABIN7561439

## RIPK4 Protein (AA 1-786) (His tag)



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### Overview

Quantity:	1 mg
Target:	RIPK4
Protein Characteristics:	AA 1-786
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RIPK4 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat Ripk4 Protein expressed in mammalien cells.
Sequence:	<p>MEGEGRGRWA LGLLRTFDAG EFAGWEKVGS GGFGQVYKVR HVHWKTWLAI KCSPSLHVDD</p> <p>RERMELLEEA KKMEMAKFRY ILPVYGICQE PVGLVMEYME TGSLEKLLAS EPLPWDLRFR</p> <p>IVHETAVGMN FLHCMSPPLL HLDLKPANIL LDAHYYHKIS DFGLAKCNGM SHSHDLSMDG</p> <p>LFGTIAYLPP ERIREKSRLF DTKHDVYSFA IVIWGVLTQK KPFADEKNIL HIMMKVVKGH</p> <p>RPELPPICRP RPRACASLIG LMQRCWHADP QVRPTFQEIT SETEDLCEKP DEEVKDLAHE</p> <p>PGEKSSLESK SEARPESSRL KRASAPPFDN DCSLSELLSQ LDSGISQTLG GPEELSRSSS</p> <p>ECKLPSSSSG KRLSGVSSVD SAFSSRGSLS LSFEREASTG DLGPTDIQKK KLVDAIISGD</p> <p>TSRLMKILQP QDVDLVLDSS ASLLHLAVEA GQEECVKWLL LNNANPNLTN RKGSTPLHMA</p> <p>VERKGRGIVE LLLARKTSVN AKDEDQWTAL HFAAQNGDEA STRLLLEKNA SVNEVDFEGR</p> <p>TPMHVACQHG QENIVRTLRL RGVDVGLQGK DAWLPLHYAA WQGHLPVVKL LAKQPGVSVN</p> <p>AQTLDGRTPL HLAAQRGHYR VARILIDLCS DVNICSLLQAQ TPLHVAAETG HTSTARLLLH</p>

RGAGKEALTS EGYTALHLAA QNGHLATVKL LIEEKADVMA RGPLNQ TALH LAAARGHSEV  
VEELVSADLI DLSDEQGLSA LHAAQGRHS QTVETLLKHG AHINLQSLKF QGGQSSAATL LRRSKT

**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:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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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

Target:	RIPK4
Alternative Name:	Ripk4 ( <a href="#">RIPK4 Products</a> )
Background:	Receptor-interacting serine/threonine-protein kinase 4 (EC 2.7.11.1) (Ankyrin repeat domain-containing protein 3) (PKC-associated protein kinase) (PKC-regulated protein kinase),FUNCTION: Involved in stratified epithelial development (By similarity). It is a direct transcriptional target of TP63. Plays a role in NF-kappa-B activation. {ECO:0000250, ECO:0000269 PubMed:12446564, ECO:0000269 PubMed:22197488}.
Molecular Weight:	86.6 kDa
UniProt:	<a href="#">Q9ERK0</a>

## 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.
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Restrictions:	For Research Use only
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## 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