

Datasheet for ABIN7551394

## RASGEF1A Protein (AA 1-481) (His tag)



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### Overview

Quantity:	1 mg
Target:	RASGEF1A
Protein Characteristics:	AA 1-481
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RASGEF1A protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat RASGEF1A Protein expressed in mammalian cells.
Sequence:	<p>MPQTSVVFSS ILGPSCSGQV QPGMGERGGG AGGGSGDLIF QDGHLSGSL EALMEHLVPT  VDYYPDRTYI FTFLLSSRVF MPPHDLLARV GQICVEQKQQ LEAGPEKAKL KSFSAKIVQL  LKEWTEAFPY DFQDEKAMAE LKAITHRVTV CDEENGTVKK AIAQMTQSL LSLAARSQ LQ  ELREKL RPPA VDKGPILKTK PPAAQKDILG VCCDPLVLAQ QLTHIEDRV SSIYPEDLMQ  IVSHMDSL DN HRCRGDLTKT YSLEAYDNWF NCLSM LVATE VCRVVKKKHR TRMLEFFIDV  ARECFNIGNF NSMMAIISGM NLSPVARLKK TWSKVKTAKF DVLEHHMDPS SNFCNYRTAL  QGATQRSQMA NSSREKIVIP VFNL FVKDIY FLHKIHTNHL PNGHINFKKF WEISRQIHEF  MTWTQVECPF EKDKKIQSYL LTAPIYSEEA LFVASFES EG PENHMEKDSW KTLRTTLLNR A</p> <p><b>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.</b></p>

## Product Details

Characteristics:	<div><div>Key Benefits:</div><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></div>
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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:	RASGEF1A
Alternative Name:	RASGEF1A ( <a href="#">RASGEF1A Products</a> )
Background:	Ras-GEF domain-containing family member 1A,FUNCTION: Guanine nucleotide exchange factor (GEF) with specificity for RAP2A, KRAS, HRAS, and NRAS (in vitro). Plays a role in cell migration. {ECO:0000269 PubMed:17121879, ECO:0000269 PubMed:19645719}.
Molecular Weight:	54.6 kDa
UniProt:	<a href="#">Q8N9B8</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.
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