

Datasheet for ABIN7561689

## RABGEF1 Protein (AA 1-491) (His tag)



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### Overview

Quantity:	1 mg
Target:	RABGEF1
Protein Characteristics:	AA 1-491
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RABGEF1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

### Product Details

Purpose:	Custom-made recombinat Rabgef1 Protein expressed in mammalian cells.
Sequence:	<p>MSLKSEIRGI HVDQSELLCK KGCYYGNPA WQGFCSKCWR EYHKARQRQ IQEDWELAER</p> <p>LQREEEAFA SSQSSQGAQS LTFSKFEEKK TNEKTRKVTI VKKFFSASSR AGSKKEIQEA</p> <p>KAPSPINRQ TSIEDRVTK EFIDFLKTFH KTGQEVYKQT KMFLEAMPYK RDLSEIEQSE</p> <p>CTQDFYQNVA ERMQTRGKVP PEKVEKIMDQ IEKHIMTRLY KVFVCPETTD DEKDLAIQK</p> <p>RIRALHWVTP QMLCVPVNEE IPEVSDMVVK AITDIEMDS KRVPRDKLAC ITRCSKHIFN</p> <p>AIKITKNEPA SADDLPTLI YIVLKGNPPR LQSNIQYITR FCNPSRLMTG EDGYFTNLC</p> <p>CAVAFIEKLD AQLNLSQED FDRYMSGQTS PRKQESWPEA CLGVKQM YKNDLLSQL</p> <p>NERQERIMNE AKKLEKDLID WTDGIAKEVQ DIVEKYPLEI KPPNQPLAAI DSENVENDKL</p> <p>PPPLQPQVYA G</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>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>
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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:	RABGEF1
Alternative Name:	Rabgef1 ( <a href="#">RABGEF1 Products</a> )
Background:	Rab5 GDP/GTP exchange factor (Rabex-5),FUNCTION: Rab effector protein acting as linker between gamma-adaptin, RAB4A or RAB5A. Involved in endocytic membrane fusion and membrane trafficking of recycling endosomes. Stimulates nucleotide exchange on RAB5A (By similarity). Can act as a ubiquitin ligase (By similarity). {ECO:0000250}.
Molecular Weight:	56.9 kDa
UniProt:	<a href="#">Q9JM13</a>
Pathways:	<a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</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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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