

Datasheet for ABIN7561509

RABGGTA Protein (AA 1-567) (His tag)



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Overview

Quantity:	1 mg
Target:	RABGGTA
Protein Characteristics:	AA 1-567
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RABGGTA protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant RabggtA Protein expressed in mammalian cells.
Sequence:	<p>MHGRLKVKTS EEQAEAKRLE REQKLKLYQS ATQAVFQKRE AGELDESVLE LTSQILGANP DFATLWNCRR EVLQQLETQK SPEELAALVK AELGFLESCL RVNPKSYGTW HHRCWLLSRL PEPNWARELE LCARFLEADE RNFHCWDYRR FVAAQAAVAP AEELAFTDSL ITRNFSNYSS WHYRSCLLPQ LHPQPDSPGQ GRLPENVLLR EELVQNAFF TDPNDQSAWF YHRWLLGRAE PHDVLCCCLHV SREEACLSVC FSRPLIVGSK MGTLLLTVD EAPLSVEWRTP DGRNRPSHVW LCDLPAASLN DHL PQHTFRV IWTGSDTQKE CVLLKGHQEC WCRDSATDEQ LFRCELSVEK STVLQSELES CKELQELEPE NKWCLLT IIL LMRALDPLLY EKETLEYFST LKAVDPMRAA YLDDLRSKFL VENSVLKMEY ADVRVLHLAH KDLTVLCHLE QLLLVT HLDL SHNRLRALPP ALAALRCLEV LQASDNVLEN LDGVANLPRL REL LCNNRL QQSAALQTLA SCPRLVFLNL QGNSLCQEEG IRERLAEMPL SVSSILT</p> <p>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.</p>

Product Details

Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <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>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	RABGGTA
Alternative Name:	Rabggtg (RABGGTA Products)
Background:	Geranylgeranyl transferase type-2 subunit alpha (EC 2.5.1.60) (Geranylgeranyl transferase type II subunit alpha) (Rab geranyl-geranyltransferase subunit alpha) (Rab GG transferase alpha) (Rab GGTase alpha) (Rab geranylgeranyltransferase subunit alpha),FUNCTION: Catalyzes the transfer of a geranylgeranyl moiety from geranylgeranyl diphosphate to both cysteines of Rab proteins with the C-terminal sequence -XXCC, -XCXC and -CCXX, such as RAB1A, RAB3A, RAB5A and RAB7A. {ECO:0000269 PubMed:10737774}.
Molecular Weight:	65.0 kDa
UniProt:	Q9JHK4

Application Details

Application Notes:	We expect the protein to work for functional studies. 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