Datasheet for ABIN7562010

RABGAP1L Protein (AA 1-815) (His tag)

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Overview

Quantity:	1 mg
Target:	RABGAP1L
Protein Characteristics:	AA 1-815
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RABGAP1L protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Rabgap1l Protein expressed in mammalian cells.
Sequence:	MEVRASFQKV SGSSDSVATL NSEEFVLVSQ HTDATSIKDD GKPQLKIASN GDEQLEKAME EILRDSEKGQ SGLPVDCQGS SEISDCPFGD VPASQTTKPP LQLILDPSNT EISTPRPSSP SRFPEEDSVL FNKLTYLGCM KVSSPRSEVE ALRAMATMRA SSQYPFAVTL YVPNVPEGSV RIIDQSSNVE IASFPIYKVL FCARGHDGTA ESNCFAFTES SHGSEEFQIH VFSCEIKEAV SRILYSFCTA FKRSSRQVSD VKDSVIPTPD SDVFTFSVSL EVKEDDGKGN FSPVPKDRDK FYFKIKQGIE KKVVITVQQL SNKELAIERC FGMLLSPGRN VKNSDMHLLD MESMGKSYDG RAYVITGMWN PNAPIFLALN EETPKDKRVY MTVAVDMVVT EVVEPVRFLL ETVVRVYPAN ERFWYFSRKT FTETFFMRLK QSEGKGHSSA GDAIYEVVSL QRESDKEEPI TPTSAGGPMS PQEDEAEEES DNELSSGTGD VSKDCPEKIL YSWGELLGRW HNNLGGRPKG LFTLVKSGVP EALRAEVWQL LAGCHDNQEM LDKYRILITK DSAQESVITR DIHRTFPAHD YFKDTGGDGQ ESLYKICKAY SVFDEDIGYC QGQSFLAAVL LLHMPEEQAF CVLVTIMYGY KLRDLYRNNF EDLHCKFYQL EKLMQEQLPD LYSHFCDLNL EAHMYASQWF LTLFTAKFPL CMVFHIIDLL

Product Details

	LCEGLNIIFH VALALLKTSK EDLLQADFEG ALKFFRVQLP KRYRAEENAR RLMEQACNIK VPTKKLKKYE KEYQAMRENQ LQQEDPMDRY KFVYL **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.**
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:	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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	RABGAP1L
Alternative Name:	Rabgap1l (RABGAP1L Products)
Background:	Rab GTPase-activating protein 1-like,FUNCTION: GTP-hydrolysis activating protein (GAP) for small GTPase RAB22A, converting active RAB22A-GTP to the inactive form RAB22A-GDP (By similarity). Plays a role in endocytosis and intracellular protein transport. Recruited by ANK2 to phosphatidylinositol 3-phosphate (PI3P)-positive early endosomes, where it inactivates RAB22A, and promotes polarized trafficking to the leading edge of the migrating cells. Part of the ANK2/RABGAP1L complex which is required for the polarized recycling of fibronectin

Target Details

	receptor ITGA5 ITGB1 to the plasma membrane that enables continuous directional cell migration (PubMed:27718357). {ECO:0000250|UniProtKB:Q5R372, ECO:0000269|PubMed:27718357}.
Molecular Weight:	92.4 kDa
UniProt:	A6H6A9

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