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Datasheet for ABIN7555118

RAPH1 Protein (AA 1-1250) (His tag)

Overview

Quantity:	1 mg
Target:	RAPH1
Protein Characteristics:	AA 1-1250
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RAPH1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

[illegible]

APMFVKYSTI TRLQNASQHS GALFKPPTPP VMQSQSVKPQ ILVPPNGVVP PPPPPPPPT
PGSAMAQLKP APCAPSLPQF SAPPPPLKIH QVQHITQVAP PTPPPPPPIP APLPPQAPPK
PLVTIPAPTS TKTVPVVTQ AAPPTPTPPV PPAKKQPAFP ASYIPSPPT PPVPVPPPTL
PKQQSFCAPK PPSPLSPVPS VVKQIASQFP PPPTPPAMES QPLKVPANV APQSPPAVKA
KPKWQPSSIP VPSPDFPPPP PESSLVFPPP PPSPVPAPPP PPPPTASPTP DKSGSPGKKT
SKTSSPGGKK PPPTPQRNSS IKSSSGAHP EPKRPSVDSL VSKFTPPAES GSPSKETLPP
PAAPPKPGKL NLSGVNLPGV LQQGCVSAKA PVLSGRGKDS VVEFPSPSD SDFPPPPPET
ELPLPIEIP AVFSGNTSPK VAVVNPQPPQ WSKMSVKKAP PPTRPKRND S TRLTQAEISE
QPTMATVVPQ VPTSPKSSLS VQPGFLADLN RTLQRKSITR HGSLSSRMSR AEPTATMDDM
ALPPPPPELL SDQKAGYGG SHISGYATLR RGPPAPPKR DQNTKLSRDW **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:	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.
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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:	RAPH1
Alternative Name:	RAPH1 (RAPH1 Products)

Target Details

Background:	Ras-associated and pleckstrin homology domains-containing protein 1 (RAPH1) (Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 18 protein) (Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 9 protein) (Lamellipodin) (Proline-rich EVH1 ligand 2) (PREL-2) (Protein RM01),FUNCTION: Mediator of localized membrane signals. Implicated in the regulation of lamellipodial dynamics. Negatively regulates cell adhesion.
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Molecular Weight:	135.3 kDa
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UniProt:	Q70E73
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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
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Buffer:	The buffer composition is at the discretion of the manufacturer.
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Handling Advice:	Avoid repeated freeze-thaw cycles.
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Storage:	-80 °C
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Storage Comment:	Store at -80°C.
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Expiry Date:	12 months
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