

Datasheet for ABIN7558361

ARHGEF38 Protein (AA 1-770) (His tag)



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Overview

Quantity:	1 mg
Target:	ARHGEF38
Protein Characteristics:	AA 1-770
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARHGEF38 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Arhgef38 Protein expressed in mammalian cells.
Sequence:	<p>MEPREAAGKE TMGSKKKNLT FLRSRLYMLE RRKTDTVVDS SVSGDHSGSL RRSQSDRTEY</p> <p>NQKLQEKMTQ QAECSSAETP TPEDEQQVGR MMAKRAKIIR ELIQUERDYL TDLELCLREV</p> <p>VQPLRSKQID RLDVEGLFSN IESVHQISAK LLSLLEEATT DVEPAMQVIG EVFLQIKGPL</p> <p>EDIYKIYCYH HDEAHSVLES YEKEEELKQH LSHCLQSLKN IYLQEGKPNL LDMGSLMIKP</p> <p>IQRVMKYPLL LCELNRNTPP SHPDYRALGE AFAAVKDINV NINELKRRKD LVLKYKKNEE</p> <p>EESLKDLSK LNIHSISKKS KRVTNHLKIL TRGESQVKDN TFNREEKLFR SLEKTVRLCV</p> <p>KNISSCLQHI EEATPFTLQS GAELREISYQ DGEKNGTEPQ DQASKPYQDF AARSQRLILN</p> <p>PLSALLSLFP GPQKLIQKRY DKLLDYNSSL PRSATTESDL AKREYEALNA QLVEELQAFN</p> <p>QAAKTILLNC LCSFVTLRLD LMQVALQAYS TVKTVPLPVL GISEIQSRVL EEVHSLTFVK</p> <p>ENSATFIERK LSFEKKKPAQ ILPEVPHQTD AHRSKLLSTY GAEELYRAKR KCNATQEHD</p> <p>NLLEGELVAV LEQKDPLGST SRWFVDTGCV KGYVYSSFLK PHNPGKGQKV DADNRFCD</p>

FENISL FVSC RPAGDRVSIS DSSSSLGSC GK FETNGADA DNFQEVDEQI FYAVHAFQAR
SDHEL SLQEY QRVHILRFCD LSGNKEWWLA EAQGQKGYVP ANYLGKMTYA **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:	<div>Key Benefits:</div> <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>
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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:	ARHGEF38
Alternative Name:	Arhgef38 (ARHGEF38 Products)
Background:	Rho guanine nucleotide exchange factor 38,FUNCTION: May act as a guanine-nucleotide releasing factor. {ECO:0000250}.
Molecular Weight:	87.7 kDa
UniProt:	Q80VK6

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies
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Application Details

	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
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