

Datasheet for ABIN7560706

ARMCX1 Protein (AA 1-456) (His tag)



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Overview

Quantity:	1 mg
Target:	ARMCX1
Protein Characteristics:	AA 1-456
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARM CX1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Armcx1 Protein expressed in mammalian cells.
Sequence:	<p>MGRTREAGCV AAGMVIGAGA CYCVYRLTWG KDENEKLWDE EEEEEEEEEEE KSCSDKTEKE</p> <p>LKTNVGVGAR GKPQDDSKSK VEVNVGPENG PGVKKEVHPE SQSGGGLEAK AKALFKTLKE</p> <p>QARAKAGRGI RLPNISRNRT LTSSLPCPGG RGGGCHPGRT GSRARNRTSG KVKRKNRSKS</p> <p>NKAPATAWPV RKGKFSFPYK IDDILSAPDL QKVLNILERT NDPFTQEVAL VTLGNNAAYS</p> <p>FNQNAIRELG GVPIIAKLIK TRDPIIREKT YNALNNLSVN SENQGKIKTY ISQVCDDTMV</p> <p>CRLDSAVQMA GLRLLTNMTV TNH YQHLLSY SFPDFFALLF LGNHFTKIQT MKLIINFTE</p> <p>N</p> <p>PAMTRELVSC KVPSELISLF NKEWDREILL NITLTFENIN DNIKSEGLAS SRKEFSRSSL</p> <p>FFLFKESGVC VKKIKALASH KDLVVVKVVL KVLTKL</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

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:	ARMCX1
Alternative Name:	Armcx1 (ARMCX1 Products)
Background:	Armadillo repeat-containing X-linked protein 1,FUNCTION: Regulates mitochondrial transport during axon regeneration. Increases the proportion of motile mitochondria by recruiting stationary mitochondria into the motile pool. Enhances mitochondria movement and neurite growth in both adult axons and embryonic neurons. Promotes neuronal survival and axon regeneration after nerve injury. May link mitochondria to the Trak1-kinesin motor complex via its interaction with Miro1. {ECO:0000269 PubMed:28009275}.
Molecular Weight:	50.6 kDa
UniProt:	Q9CX83

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
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Application Details

	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