Datasheet for ABIN7552385

ARIH2 Protein (AA 1-493) (His tag)

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Overview

Quantity:	1 mg
Target:	ARIH2
Protein Characteristics:	AA 1-493
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARIH2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat ARIH2 Protein expressed in mammalien cells.
Sequence:	MSVDMNSQGS DSNEEDYDPN CEEEEEEEED DPGDIEDYYV GVASDVEQQG ADAFDPEEYQ FTCLTYKESE GALNEHMTSL ASVLKVSHSV AKLILVNFHW QVSEILDRYK SNSAQLLVEA RVQPNPSKHV PTSHPPHHCA VCMQFVRKEN LLSLACQHQF CRSCWEQHCS VLVKDGVGVG VSCMAQDCPL RTPEDFVFPL LPNEELREKY RRYLFRDYVE SHYQLQLCPG ADCPMVIRVQ EPRARRVQCN RCNEVFCFKC RQMYHAPTDC ATIRKWLTKC ADDSETANYI SAHTKDCPKC NICIEKNGGC NHMQCSKCKH DFCWMCLGDW KTHGSEYYEC SRYKENPDIV NQSQQAQARE ALKKYLFYFE RWENHNKSLQ LEAQTYQRIH EKIQERVMNN LGTWIDWQYL QNAAKLLAKC RYTLQYTYPY AYYMESGPRK KLFEYQQAQL EAEIENLSWK VERADSYDRG DLENQMHIAE QRRRTLLKDF HDT **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.**

Product Details

Characteristics:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalien 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, Western Blot
Grade:	custom-made

Target Details

Target:	ARIH2
Alternative Name:	ARIH2 (ARIH2 Products)
Background:	E3 ubiquitin-protein ligase ARIH2 (ARI-2) (Protein ariadne-2 homolog) (EC 2.3.2.31) (RING-type E3 ubiquitin transferase ARIH2) (Triad1 protein),FUNCTION: E3 ubiquitin-protein ligase, which catalyzes ubiquitination of target proteins together with ubiquitin-conjugating enzyme E2 UBE2L3 (PubMed:16118314, PubMed:17646546, PubMed:19340006, PubMed:24076655). Acts as an atypical E3 ubiquitin-protein ligase by working together with cullin-5-RING ubiquitin ligase complex (ECS complex, also named CRL5 complex) and initiating ubiquitination of ECS substrates: associates with ECS complex and specifically mediates addition of the first ubiquitin on ECS targets (By similarity). The initial ubiquitin is then elongated (By similarity). E3 ubiquitin-protein ligase activity is activated upon binding to neddylated form of the ECS complex (PubMed:24076655). Mediates 'Lys-6', 'Lys-48'- and 'Lys-63'-linked polyubiquitination (PubMed:16118314, PubMed:17646546, PubMed:19340006). May play a role in myelopoiesis (PubMed:19340006). {ECO:0000250|UniProtKB:Q9Y4X5, ECO:0000269|PubMed:16118314, ECO:0000269|PubMed:17646546, ECO:0000269|PubMed:19340006,

Target Details

	ECO:0000269|PubMed:24076655}.
Molecular Weight:	57.8 kDa
UniProt:	O95376

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.
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

