

Datasheet for ABIN7552348

ASCC1 Protein (AA 1-400) (His tag)



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Overview

Quantity:	1 mg
Target:	ASCC1
Protein Characteristics:	AA 1-400
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ASCC1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ASCC1 Protein expressed in mammalian cells.
Sequence:	<p>MEVLRPQLIR IDGRNYRKNP VQEQTQHEE DEEDFYQGSM ECADEPCDAY EVEQTPQGFR</p> <p>STLRAPSLLY NLIHLNTSND CGFQKITLDC QNIYTWKSRH IVGKRGDTRK KIEMETKTSI</p> <p>SIPKPGQDGE IVITGQHRNG VISARTRIDV LLDTFRRKQP FTHFLAFFLN EVEVQEGFLR</p> <p>FQEEVLAKCS MDHGVDSIF QNPKKLHLTI GMLVLLSEEE IQQTCEMLQQ CKEEFINDIS</p> <p>GGKPLEVEMA GIEYMND DPG MVDVLYAKVH MKDGSNRLQE LVDRVLERFQ ASGLIVKEWN</p> <p>SVKLHATVMN TLFRKDPNAE GRYNLYTAEG KYIFKERESF DGRNILKSFA LLPRLEYNDA</p> <p>ISAHCNLCLP GSSDSPASAS QVAGITGVSD AYSQSLPGKS Sequence without tag. The proposed</p> <p>Purification-Tag is based on experiences with the expression system, a different complexity</p> <p>of the protein could make another tag necessary. In case you have a special request, please</p> <p>contact us.</p>
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.

Product Details

Characteristics:	<div><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></div>
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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	ASCC1
Alternative Name:	ASCC1 (ASCC1 Products)
Background:	<p>Activating signal cointegrator 1 complex subunit 1 (ASC-1 complex subunit p50) (Trip4 complex subunit p50),FUNCTION: Plays a role in DNA damage repair as component of the ASCC complex (PubMed:29997253). Part of the ASC-1 complex that enhances NF-kappa-B, SRF and AP1 transactivation (PubMed:12077347). In cells responding to gastrin-activated paracrine signals, it is involved in the induction of SERPINB2 expression by gastrin. May also play a role in the development of neuromuscular junction. {ECO:0000269 PubMed:12077347, ECO:0000269 PubMed:19074642, ECO:0000269 PubMed:26924529, ECO:0000269 PubMed:29997253}.</p>
Molecular Weight:	45.5 kDa
UniProt:	Q8N9N2

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