

Datasheet for ABIN7558038
IQCE Protein (AA 1-778) (His tag)



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Overview

Quantity:	1 mg
Target:	IQCE
Protein Characteristics:	AA 1-778
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IQCE protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Iqce Protein expressed in mammalien cells.
Sequence:	<p>MSLGTTDIAS ETGDDSLSAI TFESDIESKT KRKSFHKPPS TSPKSPYYSK PRKVTSWRSL</p> <p>KTAGSMPLSS RMSLTPQKLW LGSSKQGSVA QPPSPTLTSE HAWTHPPSCT PDYLTEAVRA</p> <p>KRADLRRSGS HGHVSGTSVY REKEDMYDEI IELKKSLHMQ KSDVDLMRTK LRRLEEENSR</p> <p>KDRQIEQLLD PSRGPDFVRT LAEKKPDTGW VITGLKQRIF RLEQQCKEKD NTINKLQTD</p> <p>KTTNLEEMRI AMETYYEEIH RLQTLASSE ATGKKPMVEK KLGVKRQKKM SSALLNLTRS</p> <p>VQELTEENQS LKEDLDRMLS NSPTISKIYG YGDWSKPRLL RRIAELEKKV SSESPPKQST</p> <p>SELVNPNPLV RSPSNISVQK QPKGQSPED LPKVAPCEEQ EHLQGTVKSL REELGALQEQ</p> <p>LLEKDLEMKQ LLQSKIDLEK ELETAREGEK GRQEQQALR EEVEALTKKC QELEEAKREE</p> <p>KNSFVAVTHE AHPELHAPSP CSRHSEPDSD NSAGEEGSSQ PPAPCSEERR EAAIRTLQAQ</p> <p>WKAHRRKKRE AALDEAATVL QAAFRGHLAR SKLVRSKVPD SRSPSLPGLL SPLNQSSPAP</p> <p>RVLSPISPAE ENPTQEEAVI VIQSILRGYL AQARFIASCC REIAASSQRE TVSLTPSGSA</p>

SPPSLRASPG VIRKELCASE ELRETSASEP APSVPYSAQG GHGDCPSSSS LEAVPSMKDA
MCEERSSSPR SAGPSLAEPS PPELQPLSPP PVEDICSDDSD DDIIFSPFLP RKKSPSPF **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:	<p>Key Benefits:</p> <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
Grade:	custom-made

Target Details

Target:	IQCE
Alternative Name:	Iqce (IQCE Products)
Background:	IQ domain-containing protein E,FUNCTION: Component of the EvC complex that positively regulates ciliary Hedgehog (Hh) signaling (PubMed:24582806). Required for proper limb morphogenesis (By similarity). {ECO:0000250 UniProtKB:Q6IPM2, ECO:0000269 PubMed:24582806}.
Molecular Weight:	86.4 kDa
UniProt:	Q6PCQ0

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
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