

Datasheet for ABIN7553837

## EVC Protein (AA 1-992) (His tag)



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### Overview

Quantity:	1 mg
Target:	EVC
Protein Characteristics:	AA 1-992
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EVC protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat EVC Protein expressed in mammalian cells.
Sequence:	<p>MARGGAACKS DARLLLGRDA LRPAPALLAP AVLLGAALGL GLGLWLGCR A GRQRTRHQKD</p> <p>DTQNLLKNLE SNAQTPSETG SPSRRRKREV QMSKDKEAVD ECEPPSNSNI TAFALKAKVI</p> <p>YPINQKFRPL ADGSSNPSLH ENLKQAVLPH QPVEASPPSS LGSLSQGEKD DCSSSSSVHS</p> <p>ATSDDRFLSR TFLRVNAFPE VLACESVDVD LCIYSLHLKD LLHLDALRQ EKHMMFIQIF</p> <p>KMCLLDLLPK KKSDDLEYQK ILSKQEKDLE ELEKGLQVKL SNTEMSGAGD SEYITLADVE</p> <p>KKEREYSEQL IDNMEAFWKQ MANIQHFLVD QFKCSSSKAR QLMMTLTERM IAAEGLLCDS</p> <p>QELQALDALE RTMGRAHMAK VIEFLKLQVQ EETRCRLAAI SHGLELLAGE GKLSGRQKEE</p> <p>LLTQQHKAFW QEAERFSREF VQRGKDLVTA SLAQVEGTA KLTLAQEEEQ RSFLAEAQPT</p> <p>ADPEKFLEAF HEVLERQRLM QCDLEEEENV RATEAVVALC QELYFSTVDT FQKFVDALFL</p> <p>QTLPGMTGLP PEECDYLRQE VQENAAWQLG KSNRFRRQQW KLFQELLEQD QQVWMEECAL</p> <p>SSVLQTHLRE DHEGTIRGVL GRLGGLTEES TRCVLQGHDL LLRSALRRLA LRGNALATLT</p>

QMRLSGKKHL LQELREQRAL EQGSSQCLDE HQWQLLRALE ARVLEEASRL EEEAQQTRLQ  
LQQRLLAEAQ EVGQLLQQHM ECAIGQALLV HARNAATKSR AKDRDDFKRT LMEAAVESVY  
VTSAGVSRLV QAYYQQIGRI MEDHEERKLQ HLKTLQGERM ENYKLRKKQE LSNPSSGSRT  
AGGAHETSQA VHQRMLSQK RFLAQFPVHQ QMRLHAQQQQ AGVMDLLEAQ LETQLQEAEQ  
NFISELAALA RVPLAESKLL PAKRGLLEKP LRTRKKPLP QERDGLGVPN NEDLASGDQT  
SGSLSSKRLS QQESEAGDSG NSKKMLKRRS NL

**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"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <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:	EVC
Alternative Name:	EVC (EVC Products)
Background:	EvC complex member EVC (DWF-1) (Ellis-van Creveld syndrome protein),FUNCTION: Component of the EvC complex that positively regulates ciliary Hedgehog (Hh) signaling. Involved in endochondral growth and skeletal development. {ECO:0000250 UniProtKB:P57680}.
Molecular Weight:	112.0 kDa

## Target Details

UniProt:	<a href="#">P57679</a>
Pathways:	<a href="#">Hedgehog Signaling</a>

## 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