

Datasheet for ABIN7563460
EVC Protein (AA 1-1005) (His tag)



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Overview

Quantity:	1 mg
Target:	EVC
Protein Characteristics:	AA 1-1005
Origin:	Mouse
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 mammalien cells.
Sequence:	<p>MTCTKDARLQ LGREALQAAP TLLVPAVLLG GVLGLGLGLW LGCRASHLRA RLQKDDRKRL</p> <p>LGSSEPQAQS LRDTGSQAKA RRRQRETRD EDAPEVCEPS LSGNITAFAL KARVVYPINQ</p> <p>KFRPLADGSS HPSLHENLTQ AAAILPHLPH QPAEASPASS LGSLSQAGKE DGSSSSSMRS</p> <p>TYSDDRILQC AFLRVGSFPE ILACESVDID LCVCSLHLKD LLQVDTALRQ EKHLMFIIQL</p> <p>KACLLDFFPK KKPDELQK VLSKQEHDL ELEKGLQARL ANTEMLGTGD SGYVSLADVE</p> <p>RKERELSEQL IDNMGAFWKQ MESIQPTLMD QFKCSSSKAR QFMMTLTGRM IVAEGLLHDS</p> <p>QDLHVLDLTL RTMGRSHLAR MVEFLRTIQ EETKCRLAAI SRGLELLTVQ GQLSGRQKEE</p> <p>LLTQQHKAFW EEAERFGREF TQRGKDLVQA SQARQAEAAA ELTQTQEEER RSFLADSQLT</p> <p>SDPGEFLKAF HEVLERQRLT RSDQEGDED RITEAMAALC QELYCSTMGT FQKFVDSLFL</p> <p>KTLPEVTSPL VAECETLRQQ VQEQAARQLG QADRFRRRQW GLLCDLLEQD KRVWLEEGTL</p> <p>STVLQRQLRD HHESTIHGVL SRFSGLSEES SRGILQGHEL LLCSALRRLA LRGTITALA</p>

QMRLSGKKRL LQELHEQLAL EQGVSPCLEE HQWQLLRALE ARIQEEAARL EDEAQQTGLR
LQQQLLAEAQ EAGRLLQLHM ERVIGQALLV HARNVASKGR TREKEDFKRT LVETTVESVY
VTSTSVNRLV QAHYQAVGKL LQAHEEQLLQ RLKTLQGERI NAYKLWKKQE FSDPSLESQT
ADGTHGASQG VQQRMLSQK RLLDQFTKHQ QGRLNSQRQK AQELDQLQAQ LETQLQEAEQ
TLISELSTLA RVPLPENKPF SNKRGLPEKP VRTKRKKPPP REREDLGTPN DDHLALADHT
TGPLSTTYS A SPPIRVHSGG RLDQQDSEAG DGESTSKILQ KGSNL **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:

Key Benefits:

- 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).

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:

EVC

Alternative Name:

Evc ([EVC Products](#))

Background:

EvC complex member EVC (Ellis-van Creveld syndrome protein homolog),FUNCTION: Component of the EvC complex that positively regulates ciliary Hedgehog (Hh) signaling (PubMed:17660199, PubMed:24582806). Involved in endochondral growth and skeletal development (PubMed:17660199). {ECO:0000269|PubMed:17660199,

Target Details

	ECO:0000269 PubMed:24582806}.
Molecular Weight:	113.0 kDa
UniProt:	P57680
Pathways:	Hedgehog Signaling

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