

# Recombinant Full Length Human EVC Protein, GST-tagged

**Cat. No.** EVC-4374HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| <b>Product Overview</b> | Human EVC full-length ORF ( AAH85608.1, 1 a.a. - 535 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 535 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Description</b>      | This gene encodes a protein containing a leucine zipper and a transmembrane domain. This gene has been implicated in both Ellis-van Creveld syndrome (EvC) and Weyers acrodermal dysostosis. [provided by RefSeq, Jul 2008]                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Molecular Mass</b>   | 86.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>AA Sequence</b>      | <p>MARGGAACKSDARLLLGRDALRPAPALLAPAVLLGAALGLGLGLWLGCRAGRQRT<br/> RHQKDDTQNLKKNLESNAPTPSETGSPSRRRKREVMQSKDKEAVDECEPPSNSNIT<br/> AFALKAKVIYPINQKFRPLADGSSNPSLHENLKQAVLPHQPVEASPSSSLGSLSQGE<br/> KDDCSSSSSVHSATSDDRFLSRTFLRVNAFPEVLACESVDVDLCIYSLHLKDLLHLDT<br/> ALRQEKHMMFIQIFKMCLLDLLPKKKSDELHQKILSKQEKDLEEEKGLQVKLSNTE<br/> MSGAGDSEYITLADVEKKEREYSEQLIDNMEAFWKQMANIQHFLVDQFKCSSSKAR<br/> QLMMTLTERMIAAEGLLCDSQELQALDALERTMGRAHMAKVIEFLKLQVQEETRCRL<br/> AAISHGLELLAGEGKLSGRQKEELLTQQHKAFWQEAERFSREFVQRGKDLVKASLA<br/> HQVEGTAKLTLAQEEEEQRSFLAEAQPTADPEKFLEAFHEVLERQRLMQCDLEEEEN<br/> VRATEAVVALCQKAMRRHRDTGKEAV</p> |

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| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                            |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                          |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                          |
| <b>GENE INFORMATION</b> |                                                                                                                   |
| <b>Gene Name</b>        | EVC Ellis van Creveld syndrome [ Homo sapiens ]                                                                   |
| <b>Official Symbol</b>  | EVC                                                                                                               |
| <b>Synonyms</b>         | EVC; Ellis van Creveld syndrome; ellis-van Creveld syndrome protein; DWF 1; EVC1; EVCL; DWF-1; MGC105107;         |
| <b>Gene ID</b>          | 2121                                                                                                              |
| <b>mRNA Refseq</b>      | NM_153717                                                                                                         |
| <b>Protein Refseq</b>   | NP_714928                                                                                                         |
| <b>MIM</b>              | 604831                                                                                                            |
| <b>UniProt ID</b>       | P57679                                                                                                            |

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