

Recombinant Full Length Human TMC6 Protein, GST-tagged

Cat. No. TMC6-4751HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EVER1 full-length ORF (AAH35648, 1 a.a. - 444 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	444 amino acids
Description	Epidermodysplasia verruciformis (EV) is an autosomal recessive dermatosis characterized by abnormal susceptibility to human papillomaviruses (HPVs) and a high rate of progression to squamous cell carcinoma on sun-exposed skin. EV is caused by mutations in either of two adjacent genes located on chromosome 17q25.3. Both of these genes encode integral membrane proteins that localize to the endoplasmic reticulum and are predicted to form transmembrane channels. This gene encodes a transmembrane channel-like protein with 10 transmembrane domains and 2 leucine zipper motifs. [provided by RefSeq, Jul 2008]
Molecular Mass	74.58 kDa
AA Sequence	MAHSFGESYRVGSTSGIHAI TVFC SWDYKVTQKRASRLQQDNIRTRLKELLA EWQL RHSPRSVCGRLRQA AVLGLVWLLCLGTALGCAVAVHVFSEFMIQSPEAAGQEAVLL VLPLVVGLLNLGAPYL CRVLA ALEPHDSPVLEVYVAICRN LILKLAILGTLCYHWLGRR VGVLQGGQCWEDFVGQEL YRFLVMDFVLM LLDTLFGELVWRI ISEKKLKRRRKPEFDI ARNVLELIYGQTLTWLGVLFSPLLPAVQIIKLLLVFYVKKTSLLANCQAPRRPW LASH

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MSTVFLTLLCFPAFLGAAVFLCYAVWQVKPSSTCGPFRTLDTMYEAGRVWVRHLEA
AGPRVSWLPWVHRYLMENTFFVFLVSALLLAVIYLNQVVRGQRKVICLLKEQISNEG
EDKIFLINKLHSIYERKEREERSRVGTTEEEAAAPPALLTDEQDA

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

TMC6 transmembrane channel-like 6 [Homo sapiens]

Official Symbol

TMC6

Synonyms

TMC6; transmembrane channel-like 6; epidermodysplasia verruciformis 1 , EVER1;
transmembrane channel-like protein 6; EVIN1; LAK 4P; protein LAK-4;
epidermodysplasia verruciformis 1; expressed in activated T/LAK lymphocytes;
epidermodysplasia verruciformis protein 1; EV1; EVER1; LAK-4P; FLJ17776;

Gene ID

11322

mRNA Refseq

NM_001127198

Protein Refseq

NP_001120670

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MIM	605828
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UniProt ID	Q7Z403
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