

# Recombinant Full Length Human ETV6 Protein, GST-tagged

**Cat. No.** ETV6-4372HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human ETV6 full-length ORF ( AAH43399, 1 a.a. - 452 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>    | 452 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Description</b>      | This gene encodes an ETS family transcription factor. The product of this gene contains two functional domains: a N-terminal pointed (PNT) domain that is involved in protein-protein interactions with itself and other proteins, and a C-terminal DNA-binding domain. Gene knockout studies in mice suggest that it is required for hematopoiesis and maintenance of the developing vascular network. This gene is known to be involved in a large number of chromosomal rearrangements associated with leukemia and congenital fibrosarcoma. [provided by RefSeq, Sep 2008] |
| <b>Molecular Mass</b>   | 75.46 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>AA Sequence</b>      | MSETPAQCSEIKQERISYTPPEVPVPSYASSTPLHVPVPRALRMEEDSIRLPAPHLRLQP<br>IYWSRDDVAQWLKWAENEFSLRPIDSNTFEMNGKALLLLTKEDFRYRSPHSGDVLV<br>ELLQHILKQRKPRILFSPFFHPGNSIHTQPEVILHQNHEDNCVQRTPRPSVDNVHHN<br>PPTIELLHRSRSPITTNHRPSDPDEQRPLRSPLDNMIRRLSPAERAQGPRPHQENNH<br>QESYPLSVSPMENNHCPSSESHPKPSSPRQESTRVIQLMPSPIMHPLILNPRHSVD<br>FKQSRLSEDGLHREGKPINLSHREDLAYMNHIMVSVSPPEEHAMPIGRIADCRLWD                                                                                                                                                                                                     |

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YVYQLLSDSRYENFIRWEDKESKIFRIVDPNGLARLWGNHKNRTNMTYEKMSRALR  
HYYKLNIRKEPGQRLLFRFMKTPDEIMSGRTDRLEHLESQELDEQIYQEDEC

**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**

ETV6 ets variant 6 [ Homo sapiens ]

**Official Symbol**

ETV6

**Synonyms**

ETV6; ets variant 6; ets variant gene 6 (TEL oncogene); transcription factor ETV6;  
TEL; TEL oncogene; TEL1 oncogene; ETS-related protein Tel1; ETS translocation  
variant 6; TEL/ABL;

**Gene ID**

2120

**mRNA Refseq**

NM\_001987

**Protein Refseq**

NP\_001978

**MIM**

600618

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**UniProt ID**

P41212

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