

# Recombinant Human ETV6 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** ETV6-861H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| <b>Product Overview</b> | ETV6 MS Standard C13 and N15-labeled recombinant protein (NP_001978) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <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. |
| <b>Molecular Mass</b>   | 53 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>AA Sequence</b>      | MSETPAQCSTKQERISYTPPEPVPSYASSTPLHVPVPRALRMEEDSIRLPAHLRLQP<br>IYWSRDDVAQWLKWAENEFSLRPIDSNTFEMNGKALLLTKEFRYRSPHSGDVL<br>YELLQHILKQRKPRILFSPFFHPGNSIHTQPEVILHQNHEDNCVQRTPRPSVDNVHHN<br>PPTIELLHRSRSPITTNHRPSDPEQRPLRSPLDNMIRRLSPAERAQGPRPHQENNH<br>QESYPLSVSPMENNHCPSSESHPKPSSPRQESTRVIQLMPSPIMHPLILNPRHSVD<br>FKQSRLSEDGLHREGKPINLSHREDLAYMNHIMVSVSPPEEHAMPIGRIADCRLWD                                                                                                                                                                            |

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YVYQLLSDSRYENFIRWEDKESKIFRIVDPNGLARLWGNHKNRTNMTYEKMSRALR  
 HYYKLNIRKEPGQRLLFRFMKTPDEIMSGRTDRLEHLESQELDEQIYQEDECSTGPT  
 RTRPLEQKLISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** ETV6 ets variant 6 [ Homo sapiens (human) ]

**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

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| MIM | 600618 |
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| UniProt ID | P41212 |
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