

# Recombinant Full Length Human ETS1 Protein, C-Flag-tagged

**Cat. No.** ETS1-722HFL    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human ETS1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Description</b>      | <p>This gene encodes a member of the ETS family of transcription factors, which are defined by the presence of a conserved ETS DNA-binding domain that recognizes the core consensus DNA sequence GGAA/T in target genes. These proteins function either as transcriptional activators or repressors of numerous genes, and are involved in stem cell development, cell senescence and death, and tumorigenesis. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.</p> |
| <b>Form</b>             | 25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Molecular Mass</b>   | 50.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>AA Sequence</b>      | <p>MKAAVDLKPTLTIIKTEKVDLELFPSPDMECADVPLLTSSKEMMSQALKATFSGFTK<br/> EQQRLGIPKDPR QWTETHVRDWMWAVNEFSKLGVDQKFCMNGAALCALGKDC<br/> FLELAPDFVGDILWEHLEILQKEDVKPY QVNGVNPAYPESRYTSDYFISYGIEHAQC<br/> VPPSEFSEPSFITESYQTLHPISSEELLSLKYENDYPSVIL RDPLQTDTLQNDYFAIKQ<br/> EVVTPDNMCMGRTSRGKLGGQDSFESIESYDSCDRLTQSWSSQSSFNSLQRV PS<br/> YDSFDSEDPAAALPNHKPKGTFKDYVRDRADLNKDKPVIPAAALAGYTGSGPIQLW</p>                                                                                                                                      |

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QFLLELLTDKSC QSFISWTGDGWEFKLSDPDEVARRWGKRKNPKMNYEKL SRGL  
 RYYYDKNIIHKTAGKRYVYRFVCDLQS  
 LLGYTPEELHAMLVDVKPDADETRTRPLEQKLISEEDLAANDILDYKDDDDKV

|                         |                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining.                                                                                  |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| <b>Storage</b>          | Store at -80 centigrade.                                                                                                                      |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method.                                                                                             |
| <b>Preparation</b>      | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                              |
| <b>Protein Families</b> | Druggable Genome, Transcription Factors                                                                                                       |
| <b>Protein Pathways</b> | Dorso-ventral axis formation, Pathways in cancer, Renal cell carcinoma                                                                        |
| <b>Full Length</b>      | Full L.                                                                                                                                       |

## GENE INFORMATION

|                        |                                                                          |
|------------------------|--------------------------------------------------------------------------|
| <b>Gene Name</b>       | ETS1 ETS proto-oncogene 1, transcription factor [ Homo sapiens (human) ] |
| <b>Official Symbol</b> | ETS1                                                                     |
| <b>Synonyms</b>        | p54; ETS-1; EWSR2; c-ets-1                                               |
| <b>Gene ID</b>         | 2113                                                                     |

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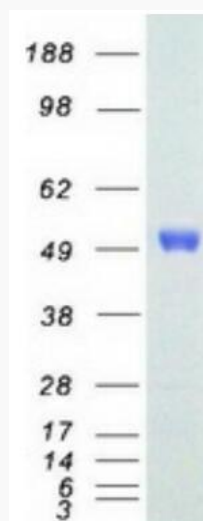
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**mRNA Refseq** [NM\\_005238.4](#)

**Protein Refseq** [NP\\_005229.1](#)

**MIM** [164720](#)

**UniProt ID** [P14921](#)



Coomassie blue staining of purified ETS1 protein.

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