

## Recombinant Human ETS2, His-tagged

**Cat. No.** ETS2-247H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	ETS2, 1-469aa, Human, His tag, E.coli
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-469aa
<b>Description</b>	ETS2 is a transcription factor which regulates genes involved in development and apoptosis. The encoded protein is also a protooncogene and shown to be involved in regulation of telomerase. A pseudogene of this gene is located on the X chromosome. Alternative splicing results in multiple transcript variants. Recombinant human ETS2 protein, fused to His-tag at N-terminus, was expressed in E.coli .
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
<b>Molecular Mass</b>	55.1 kDa ( 489aa)
<b>AA Sequence</b>	<p>MGSSHHHHHH SSGLVPRGSH MNDFGIKNMD QVAPVANSYR GTLKRQPAFD  TFDGSLFAVF PSLNEEQTLQ EVPTGLDSIS HDSANCELPL LTPCSKAVMS  QALKATFSGF KKEQRRLGIP KNPWLWSEQQ VCQWLLWATN EFSLVNVNLQ  RFGMNGQMLC NLGKERFLEL APDFVGDILW EHLEQMIKEN QEKTEDQYEE  NSHLTSVPHW INSNTLGFGT EQAPYGMQTQ NYPKGGLLDS MCPASTPSVL  SSEQEFQMFP KSRLSSVSVT YCSVSQDFPG SNLNLTLTNS GTPKDHDSPE  NGADSFESSD SLLQSWNSQS SLLDVQRVPS FESFEDDCSQ SLCLNKPTMS</p>

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FKDYIQERSD PVEQGKPVIP AAVLAGFTGS GPIQLWQFLL ELLSDKSCQS  
 FISWTGDGWE FKLADPDEVA RRWGKRKNKP KMNYEKLSRG LRYYYDKNII  
 HKTSGKRYVY RFVCDLQNLL GFTPEELHAI LGVQPDTED

**Purity** >85 % by SDS - PAGE

**Storage** Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

**Concentration** 1.0 mg/ml (determined by Bradford assay)

## GENE INFORMATION

**Gene Name** [ETS2 v-ets erythroblastosis virus E26 oncogene homolog 2 \(avian\) \[ Homo sapiens \]](#)

**Official Symbol** ETS2

**Synonyms**

ETS2; v-ets erythroblastosis virus E26 oncogene homolog 2 (avian); v ets avian erythroblastosis virus E26 oncogene homolog 2; protein C-ets-2; oncogene ETS-2; v-ets avian erythroblastosis virus E2 oncogene homolog 2; v-ets avian erythroblastosis virus E26 oncogene homolog 2; ETS2IT1;

**Gene ID** [2114](#)

**mRNA Refseq** [NM\\_001256295](#)

**Protein Refseq** [NP\\_001243224](#)

**MIM** [164740](#)

**UniProt ID** [P15036](#)

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<b>Chromosome Location</b>	21q22.3
<b>Pathway</b>	C-MYB transcription factor network, organism-specific biosystem; Dorso-ventral axis formation, organism-specific biosystem; Dorso-ventral axis formation, conserved biosystem; HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem; IL-2 Signaling Pathway, organism-specific biosystem; Myometrial Relaxation and Contraction Pathways, organism-specific biosystem;
<b>Function</b>	DNA binding; glucocorticoid receptor binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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