

Recombinant Full Length Human ETS1 Protein, GST-tagged

Cat. No. ETS1-4747HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ETS1 full-length ORF (NP_005229.1, 1 a.a. - 441 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	441 amino acids
Description	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.[provided by RefSeq, Jul 2011]
Molecular Mass	76.8 kDa
AA Sequence	MKAAVDLKPTLTIIKTEKVDLELFPSPDMECADVPLLTSSKEMMSQALKATFSGFTK EQQRLGIPKDPKQWTETHVRDWVMWAVNEFSLKGVDFQKFCMNGAALCALGKDC FLELAPDFVGDILWEHLEILQKEDVKPYQVNGVNPAYPESRYTSDYFISYGIEHAQCV PPSEFSEPSFITESYQTLHPISSEELLSLKYENDYPSVILRDPLQDTLQNDYFAIKQE VVTPDNMCMGRTSRGKLGGQDSFESIESYDSCDRLTQSWSSQSSFNSLQRVPSYD SFDSEDYPAALPNHKPKGTFKDYVRDRADLNKDKPVIPAAALAGYTGSGPIQLWQFL

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LELLTDKSCQSFISWTGDGWEFKLSDPDEVARRWGKRKNKPKMNYEKLRLRY
YDKNIIHKTAGKRYVYRFVCDLQSLLGYTPEELHAMLDVKPDADE

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

ETS1 v-ets erythroblastosis virus E26 oncogene homolog 1 (avian) [Homo sapiens]

Official Symbol

ETS1

Synonyms

ETS1; v-ets erythroblastosis virus E26 oncogene homolog 1 (avian); EWSR2, v ets avian erythroblastosis virus E26 oncogene homolog 1; protein C-ets-1; Avian erythroblastosis virus E26 (v ets) oncogene homolog 1; ets protein; ETS 1; FLJ10768; p54; v-ets avian erythroblastosis virus E2 oncogene homolog 1; Avian erythroblastosis virus E26 (v-ets) oncogene homolog-1; ETS-1; EWSR2;

Gene ID

2113

mRNA Refseq

NM_001143820

Protein Refseq

NP_001137292

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MIM	164720
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UniProt ID	P14921
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