Recombinant Human ETS1

Cat. No. ETS1-28335TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human ETS1 with N terminal proprietary tag; Predicted MWt 74.58 kDa.
Species	Human
Source	Wheat Germ
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.
Molecular Weight	74.580kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MKAAVDLKPTLTIIKTEKVDLELFPSPDMECADVPLLTPS SKEMMSQALKATFSGFT KEQQRLGIPKDPRQWTETHVRDW VMWAVNEFSLKGVDFQKFCMNGAALCALGKD CFLELAPDF VGDILWEHLEILQKEDVKPYQVNGVNPAYPESRYTSDYFI SYGIEHAQ CVPPSEFSEPSFITESYQTLHPISSEELLSLK YENDYPSVILRDPLQTDTLQNDYFAIK QEVVTPDNMCMGR TSRGKLGGQDSFESIESYDSCDRLTQSWSSQSSFNSLQRV P SYDSFDSEDYPAALPNHKPKGTFKDYVRDRADLNKDKPV IPAAALAGYTGSGPIQL WQFLLELLTDKSCQSFISWTGDG WEFKLSDPDEVARRWGKRKNKPKMNYEKLSR GLRYYYDKN IIHKTAGKRYVYRFVCDLQSLLGYTPEELHAMLDVKPDAD E
Sequence Similarities	Belongs to the ETS family.Contains 1 ETS DNA-binding domain.Contains 1 PNT (pointed) domain.

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;
Gene ID	2113
mRNA Refseq	NM_001143820
Protein Refseq	NP_001137292

MIM	164720
Uniprot ID	P14921
Chromosome Location	11q23.3
Pathway	Angiopoietin receptor Tie2-mediated signaling, organism-specific biosystem; BCR signaling pathway, organism-specific biosystem; C-MYB transcription factor network, organism-specific biosystem; Dorso-ventral axis formation, organism-specific biosystem; Dorso-ventral axis formation, conserved biosystem;
Function	DNA binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; sequence-specific DNA binding transcription factor activity;

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