

Recombinant Human ETS1 Protein, His-tagged

Cat. No. ETS1-901H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ETS1, transcript variant 2, fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
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.
Form	Lyophilized from a 0.2 M filtered solution of PBS, 1mM EDTA, pH 7.4
Molecular Mass	33kD
AA Sequence	MGSSHHHHHHSSGLVPRGSHMKA AVDLKPTLTIIKTEKVDLELFPSPDMECADVPLL TPSSKEMMSQALKATFSGFTKEQQRLGIPKDPRQWTETHVRDWMWAVNEFSKLG VDFQKFCMNGAALCALGKDCFLELAPDFVGDILWEHLEILQKEDVKPYQVNGVNPA YPESRYTSDYFISYGIEHAQCVPPESEFSEPSFITESYQTLHPISSEELLSLKYENDYPS VILRDPLQTDTLQNDYFAIKQEVVTPDN

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Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
Concentration	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 g/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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
MIM	164720
UniProt ID	P14921

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