

Recombinant Human ETS1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ETS1-1083H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ETS1 MS Standard C13 and N15-labeled recombinant protein (NP_005229) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	<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.</p> <p>Alternatively spliced transcript variants encoding different isoforms have been described for this gene.</p>
Molecular Mass	50.2 kDa
AA Sequence	<p>MKAAVDLKPTLTIKTEKVDLELFPSPDMECADVPLLTPSSKEMMSQALKATFSGFTK EQQRLGIPKDPRQWTETHVRDWVMWAVNEFSLKGVDFQKFCMNGAALCALGKDC FLELAPDFVGDILWEHLEILQKEDVKPYQVNGVNPAYPESRYTSDYFISYGIEHAQCV PPSEFSEPSFITESYQTLHPISSEELLSLKYENDYPSVILRDPLQDTLQNDYFAIKQE VVTPDNMCMGRTSRGKLGQDSFESIESYDSCDRLTQSWSSQSSFNSLQRVPSYD SFDSEDYPAALPNHKPKGTFKDYVRDRADLNKDKPVIPAAALAGYTGSGPIQLWQFL</p>

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LELLTDKSCQSFI^{SWT}GDGWEFKLSDPDEVARRWGKRKNKPKMNYEKLSRGLRYY
 YDKNIIHKTAGKRYVYRFVCDLQSL^{LL}GYTPEELHAMLDVKPDADETRTRPLEQKLISE
 EDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name ETS1 ETS proto-oncogene 1, transcription factor [Homo sapiens (human)]

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_005238

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Protein Refseq NP_005229

MIM 164720

UniProt ID P14921

SDS-PAGE



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