

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	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 Mass	50.2 kDa
AA Sequence	MKAAVDLKPTLTIIKTEKVDLELFPSPDMECADVPLLTSSKEMMSQALKATFSGFTK EQQRLGIPKDPRQWTETHVRDWVMWAVNEFSLKGVDFQKFCMNGAALCALGKDC FLELAPDFVGDILWEHLEILQKEDVKPYQVNGVNPAYPESRYTSDYFISYGIEHAQCV PPSEFSEPSFITESYQTLHPISSEELLSLKYENDYPSVILRDPLQTDTLQNDYFAIKQE VVTPDNMCMGRTSRGKLGQDSFESIESYDSCDRLTQSWSSQSSFNSLQRVPSYD SFDSEDYPAALPNHKPKGTFKDYVRDRADLNKDKPVIPAAALAGYTGSGPIQLWQFL

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LELLTDKSCQSFISWTGDGWEFKLSDPDEVARRWGKRKNKPKMNYEKLSRGLRYY
YDKNIIHKTAGKRYVYRFVCDLQSLLGYTPEELHAMLDVKPDADETRTRPLEQKLISE
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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