

Recombinant Full Length Human ETS1 Protein, C-Flag-tagged

Cat. No. ETS1-722HFL Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ETS1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.</p>
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	50.2 kDa
AA Sequence	<p>MKAAVDLKPTLTIKTEKVDLELFPSPDMECADVPLLTSSKEMMSQALKATFSGFTK EQQRLGIPKDPR QWTETHVRDWMWAVNEFSLKGVDFQKFCMNGAALCALGKDC FLELAPDFVGDILWEHLEILQKEDVKPY QVNGVNPAYPESRYTSDYFISYGIEHAQC VPPSEFSEPSFITESYQTLHPISSEELLSLKYENDYPSVIL RDPLQTDTLQNDYFAIKQ EVVTPDNMCMGRTSRGKLGQDSFESIESYDSCDRLTQSWSSQSSFNSLQRV PS YDSFDSEDPAAALPNHKPKGTFKDYVRDRADLNKDKPVIPAAALAGYTGSGPIQLW</p>

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QFLLELLTDKSC QSFISWTGDGWEFKLSDPDEVARRWGKRKNPKMNYEKL SRGL
 RYYYDKNIIHKTAGKRYVYRFVCDLQS
 LLGYTPEELHAMLVDVKPDADETRTRPLEQKLISEEDLAANDILDYKDDDDKV

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

Stability Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Storage Store at -80 centigrade.

Concentration >50 ug/mL as determined by microplate BCA method.

Preparation Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Protein Families Druggable Genome, Transcription Factors

Protein Pathways Dorso-ventral axis formation, Pathways in cancer, Renal cell carcinoma

Full Length Full L.

GENE INFORMATION

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

Official Symbol [ETS1](#)

Synonyms p54; ETS-1; EWSR2; c-ets-1

Gene ID [2113](#)

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mRNA Refseq [NM_005238.4](#)

Protein Refseq [NP_005229.1](#)

MIM [164720](#)

UniProt ID [P14921](#)



Coomassie blue staining of purified ETS1 protein.

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