

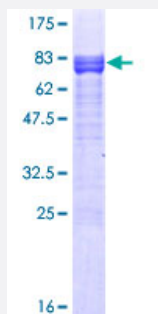
Full-Length

ETS1 (Human) Recombinant Protein (P01)

Catalog # H00002113-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ETS1 full-length ORF (NP_005229.1, 1 a.a. - 441 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MKAAVDLKPTLTIIKTEKVDLELFPSPDMECADVPLLTPSSKEMMSQALKATFSGFTKEQQRLGIP
KDPRQWTETHVRDWVMWAVNEFSLKGVDFQKFCMNGAALCALGKDCFLELAPDFVGDILWEH
LEILQKEDVKPYQVNGVNPAYPESRYTSDYFISYGIEHAQCVPPEFSEPSFITESYQTLHPISSEEL
LSLKYENDYPSVILRDPLQDTLQNDYFAIKQEVVTPDNMCMGRTSRGKLGGQDSFESIESYDSC
DRLTQSWSSQSSFNSLQRVPSYDSFDSEDYPAALPNHKPKGTFKDYVRDRADLNKDKPVIPAAA
LAGYTGSGPIQLWQFLLELLTDKSCQSFISWTGDGWEFKLSDPDEVARRWGKRKNKPKMNYEKL
SRGLRYYDKNIIHKTAGKRYVYRFVCDLQSLGYTPEELHAMLDVKPDADE

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

76.8

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ETS1

Entrez GeneID [2113](#)

GeneBank Accession# [NM_005238.2](#)

Protein Accession# [NP_005229.1](#)

Gene Name ETS1

Gene Alias ETS-1, EWSR2, FLJ10768

Gene Description v-ets erythroblastosis virus E26 oncogene homolog 1 (avian)

Omim ID [164720](#)

Gene Ontology [Hyperlink](#)

Gene Summary ETS transcriptions factors, such as ETS1, regulate numerous genes and are involved in stem cell development, cell senescence and death, and tumorigenesis. The conserved ETS domain within these proteins is a winged helix-turn-helix DNA-binding domain that recognizes the core consensus DNA sequence GGAA/T of target genes (Dwyer et al., 2007 [PubMed 17986575]).[supplied by OMIM]

Other Designations Avian erythroblastosis virus E26 (v-ets) oncogene homolog-1|ets protein|v-ets avian erythroblastosis virus E2 oncogene homolog 1|v-ets avian erythroblastosis virus E26 oncogene homolog 1|v-ets erythroblastosis virus E26 oncogene homolog 1

Pathway

- [Dorso-ventral axis formation](#)
- [Pathways in cancer](#)
- [Renal cell carcinoma](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Lupus Nephritis](#)