

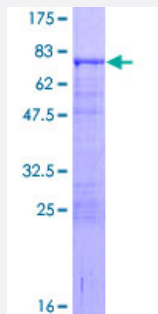
Full-Length

ETS2 (Human) Recombinant Protein (P01)

Catalog # H00002114-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ETS2 full-length ORF (NP_005230.1, 1 a.a. - 469 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MNDFGIKNMDQVAPVANSYRGTLKRQPAFDTFDGSILFAVFPSLNEEQTLQEVPTGLDSISHDSAN
CEPLLLTPCSKAVMSQALKATFSGFKKEQRRLGIPKNPWLWSEQQVCQWLLWATNEFSLVNVN
LQRFGMNGQMLCNLGKERFLELAPDFVGDILWEHLEQMIKENQEKTEDQYEENSHLTSVPHWIN
SNTLGFGEQAPYGMQTQNYPKGGLDSMCPASTPSVLSSEQEFQMFPKSRLSSSVSTYCSVS
QDFPGSNLNLTTNSGTPKDHDSPENGADSFESSDLLQSWNSQSSLLDVQRVPSFESFEDDC
SQSLCLNKPTMSFKDYIQUERSDPVEQGKPVIPAAVLGFTGSGPIQLWQFLLELLSDKSCQSFIS
WTGDGWEFKLADPDEVARRWGKRKNPKMNYEKLRSGLRYYYDKNIHKTSKGKRYVYRFVCDLQ
NLLGFTPEELHAILGVQPDTE

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

79.4

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 — ETS2

Entrez GeneID[2114](#)**GeneBank Accession#**[NM_005239.4](#)**Protein Accession#**[NP_005230.1](#)**Gene Name**

ETS2

Gene Alias

ETS2IT1

Gene Description

v-ets erythroblastosis virus E26 oncogene homolog 2 (avian)

Omim ID[164740](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

ETS transcriptions factors, such as ETS2, 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

OTTHUMP00000115973|oncogene ETS-2|v-ets avian erythroblastosis virus E2 oncogene homolog 2|v-ets avian erythroblastosis virus E26 oncogene homolog 2|v-ets erythroblastosis virus E26 oncogene homolog 2

Pathway

- [Dorso-ventral axis formation](#)

Disease

- [Tobacco Use Disorder](#)