

Recombinant Human ETS2, His-tagged

Cat. No. ETS2-247H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ETS2, 1-469aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-469aa
Description	ETS2 is a transcription factor which regulates genes involved in development and apoptosis. The encoded protein is also a protooncogene and shown to be involved in regulation of telomerase. A pseudogene of this gene is located on the X chromosome. Alternative splicing results in multiple transcript variants. Recombinant human ETS2 protein, fused to His-tag at N-terminus, was expressed in E.coli .
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
Molecular Mass	55.1 kDa (489aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MNDFGIKNMD QVAPVANSYR GTLKRQPAFD TFDGSLFAVF PSLNEEQTLQ EVPTGLDSIS HDSANCELPL LTPCSKAVMS QALKATFSGF KKEQRRLGIP KNPWLWSEQQ VCQWLLWATN EFSLVNVNLQ RFGMNGQMLC NLGKERFLEL APDFVGDLW EHLEQMIKEN QEKTEDQYEE NSHLTSVPHW INSNTLGFGT EQAPYGMQTQ NYPKGGLLDS MCPASTPSVL SSEQEFQMFP KSRLSSVSVT YCSVSQDFPG SNLNLLTNNS GTPKDHDSPE NGADSFESSD SLLQSWNSQS SLLDVQRVPS FESFEDDCSQ SLCLNKPTMS

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

FKDYIQERSD PVEQGKPVIP AAVLAGFTGS GPIQLWQFLL ELLSDKSCQS
FISWTGDGWE FKLADPDEVA RRWGKRKNKP KMNYEKLSRG LRYYYDKNII
HKTSGKRYVY RFVCDLQNLL GFTPEELHAI LGVQPDTE

Purity >85 % by SDS - PAGE

Storage Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Concentration 1.0 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name ETS2 v-ets erythroblastosis virus E26 oncogene homolog 2 (avian) [Homo sapiens]

Official Symbol ETS2

Synonyms ETS2; v-ets erythroblastosis virus E26 oncogene homolog 2 (avian); v ets avian erythroblastosis virus E26 oncogene homolog 2; protein C-ets-2; oncogene ETS-2; v-ets avian erythroblastosis virus E2 oncogene homolog 2; v-ets avian erythroblastosis virus E26 oncogene homolog 2; ETS2IT1;

Gene ID 2114

mRNA Refseq NM_001256295

Protein Refseq NP_001243224

MIM 164740

UniProt ID P15036

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Chromosome Location	21q22.3
Pathway	C-MYB transcription factor network, organism-specific biosystem; Dorso-ventral axis formation, organism-specific biosystem; Dorso-ventral axis formation, conserved biosystem; HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem; IL-2 Signaling Pathway, organism-specific biosystem; Myometrial Relaxation and Contraction Pathways, organism-specific biosystem;
Function	DNA binding; glucocorticoid receptor binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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