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 APDFVGDILW EHLEQMIKEN QEKTEDQYEE NSHLTSVPHW INSNTLGFGT EQAPYGMQTQ NYPKGGLLDS MCPASTPSVL SSEQEFQMFP KSRLSSVSVT YCSVSQDFPG SNLNLLTNNS GTPKDHDSPE NGADSFESSD SLLQSWNSQS SLLDVQRVPS FESFEDDCSQ SLCLNKPTMS

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