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# **Recombinant human ETS2 protein**

Catalog Number: ATGP2740

#### **PRODUCT INFORMATION**

# **Expression system**

E.coli

#### **Domain**

1-469aa

#### UniProt No.

P15036

#### **NCBI Accession No.**

NP 005230.1

#### **Alternative Names**

V-ets erythroblastosis virus E26 oncogene homolog 2, ETS2IT1

# PRODUCT SPECIFICATION

### **Molecular Weight**

55.1 kDa (489aa)

### Concentration

1mg/ml (determined by Bradford assay)

#### **Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M urea

#### **Purity**

> 85% by SDS-PAGE

#### Tag

His-Tag

#### **Application**

SDS-PAGE, Denatured

### **Storage Condition**

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

#### **BACKGROUND**

#### **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.

# **Amino acid Sequence**

<MGSSHHHHHH SSGLVPRGSH> MNDFGIKNMD OVAPVANSYR GTLKROPAFD TFDGSLFAVF PSLNEEOTLO



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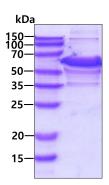
EVPTGLDSIS HDSANCELPL LTPCSKAVMS QALKATFSGF KKEQRRLGIP KNPWLWSEQQ VCQWLLWATN EFSLVNVNLQ RFGMNGQMLC NLGKERFLEL APDFVGDILW EHLEQMIKEN QEKTEDQYEE NSHLTSVPHW INSNTLGFGT EQAPYGMQTQ NYPKGGLLDS MCPASTPSVL SSEQEFQMFP KSRLSSVSVT YCSVSQDFPG SNLNLLTNNS GTPKDHDSPE NGADSFESSD SLLQSWNSQS SLLDVQRVPS FESFEDDCSQ SLCLNKPTMS FKDYIQERSD PVEQGKPVIP AAVLAGFTGS GPIQLWQFLL ELLSDKSCQS FISWTGDGWE FKLADPDEVA RRWGKRKNKP KMNYEKLSRG LRYYYDKNII HKTSGKRYVY RFVCDLQNLL GFTPEELHAI LGVQPDTED

#### **General References**

Watson DK, McWilliams, et al. (1988) Proc Natl Acad Sci u S A ,85(21): 7862-7866.

# **DATA**

# **SDS-PAGE**



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

