

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 QVAPVANSYR GTLKRQPAFD TFDGSLFAVF PSLNEEQTLQ

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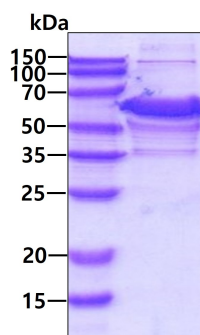
EVPTGLDSIS HDSANCELPL LTPCSKAVMS QALKATFSGF KKEQRRLGIP KNPWLWSEQQ VCQWLLWATN EFSLVNVNLQ
RFGMNGQMLC NLGKERFLEL APDFVGDILW EHLEQMIKEN QEKTEDQYEE NSHLTSVPHW INSNTLGFGT EQAPYGMQTQ
NYPKGGLLDS MCPASTPSVL SSEQEFQMFP KSRLSSVSVT YCSVSQDFPG SNLNLLTNNS GTPKDHDSP E NGADSFESSD
SLLQSWNSQS SLLDVQRVPS FESFEDDCSQ SLCLNKPTMS FKDYIQERSD PVEQGKPVIP AAVLAGFTGS GPIQLWQFLL
ELLSDKSCQS FISWTGDGWE FKLADPDEVA RRWGKRKNKP KMNYEKL SRG LRYYYDKNII HKTSGKRYVY RFVCDLQNL
GFTPEELHAI LGVQPDTE

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.