

## Recombinant Human ETS1 293 Cell Lysate

Cat. No. ETS1-6526HCL Lot. No. (See product label)

### SPECIFICATION

|                            |   |
|----------------------------|---|
| <b>Species</b>             | Human   |
| <b>Source</b>              | HEK293  |
| <b>Description</b>         | Antigen standard for v-ets erythroblastosis virus E26 oncogene homolog 1 (avian) (ETS1), transcript variant 2 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.   |
| <b>Components</b>          | This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol). |
| <b>Size</b>                | 0.1 mg  |
| <b>Storage Instruction</b> | Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.   |
| <b>Applications</b>        | ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the   |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

mixture at room temperature for 30 min). Load 5 ug lysate per lane.

## GENE INFORMATION

**Gene Name** [ETS1 v-ets erythroblastosis virus E26 oncogene homolog 1 \(avian\) \[ Homo sapiens \]](#)

**Official Symbol** [ETS1](#)

**Synonyms** [ETS1](#); [v-ets erythroblastosis virus E26 oncogene homolog 1 \(avian\)](#); [EWSR2, v ets avian erythroblastosis virus E26 oncogene homolog 1](#); [protein C-ets-1](#); [Avian erythroblastosis virus E26 \(v ets\) oncogene homolog 1](#); [ets protein](#); [ETS 1](#); [FLJ10768](#); [p54](#); [v-ets avian erythroblastosis virus E2 oncogene homolog 1](#); [Avian erythroblastosis virus E26 \(v-ets\) oncogene homolog-1](#); [ETS-1](#); [EWSR2](#);

**Gene ID** [2113](#)

**mRNA Refseq** [NM\\_001143820](#)

**Protein Refseq** [NP\\_001137292](#)

**MIM** [164720](#)

**UniProt ID** [P14921](#)

**Chromosome Location** [11q23.3](#)

**Pathway** [Angiopoietin receptor Tie2-mediated signaling, organism-specific biosystem](#); [BCR signaling pathway, organism-specific biosystem](#); [C-MYB transcription factor network, organism-specific biosystem](#); [Dorso-ventral axis formation, organism-specific biosystem](#); [Dorso-ventral axis formation, conserved biosystem](#); [HIF-1-alpha](#)

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transcription factor network, organism-specific biosystem; HIF-2-alpha transcription factor network, organism-specific biosystem;

**Function**

DNA binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; sequence-specific DNA binding transcription factor activity; transcription factor binding;

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