

Recombinant Human ETS1 293 Cell Lysate

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

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	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.
Components	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).
Size	0.1 mg
Storage Instruction	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.

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Applications

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 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,

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organism-specific biosystem; Dorso-ventral axis formation, organism-specific biosystem; Dorso-ventral axis formation, conserved biosystem; HIF-1-alpha 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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