

Recombinant Human FEV cell lysate

Cat. No. FEV-617HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	This gene belongs to the ETS transcription factor family. ETS family members have a highly conserved 85-amino acid ETS domain that binds purine-rich DNA sequences. The alanine-rich C-terminus of this gene indicates that it may act as a transcription repressor. This gene is exclusively expressed in neurons of the central serotonin (5-HT) system, a system implicated in the pathogeny of such psychiatric diseases as depression, anxiety, and eating disorders. In some types of Ewing tumors, this gene is fused to the Ewing sarcoma (EWS) gene following chromosome translocations.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	FEV FEV (ETS oncogene family) [Homo sapiens]
Official Symbol	FEV
Synonyms	PET-1; HSRNAFEV; protein FEV; fifth Ewing variant protein; PC12 ETS domain-

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	containing transcription factor 1
Gene ID	54738
mRNA Refseq	NM_017521
Protein Refseq	NP_059991
MIM	607150
UniProt ID	Q99581
Chromosome Location	2q36
Pathway	SIDS Susceptibility Pathways, organism-specific biosystem; Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem
Function	double-stranded DNA binding; sequence-specific DNA binding; sequence-specific DNA binding RNA polymerase II transcription factor activity

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