

Cat. No. FEV-4080H Lot. No. (See product label)

Product Overview

Human FEV full-length ORF (NP_059991.1, 1 a.a. - 238 a.a.) recombinant protein with GST-tag at N-terminal.

Species

Human

Source

Wheat Germ

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.

[provided by RefSeq]

Molecular Mass

51.4 kDa

AA Sequence

MRQSGASQPLLINMYLPDPVGDGLFKDGKNPSWGPLSPAVQKGSQGIIQLWQFLLE
LLADRANAGCIAWEGGHGEFKLTDPEVARRWGERKSKPNMNYDKLSRALRYYYD
KNIMSKVHGKRYAYRFDFQGLAQACQPPPAHAHAAAAAAAAAAAAAAQDGALYKLPA
GLAPLFPGLSKNLMAASAGVAPAGFSYWPGPGAATAAAAATAALYPSPSLQPPP
GPFGAVAAASHLGHH

Applications

Enzyme-linked Immunoabsorbent Assay

	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

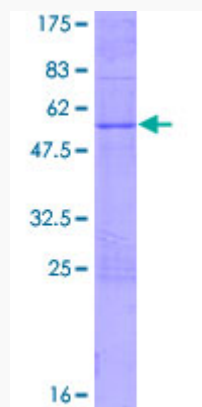
Gene Name	FEV FEV (fifth Ewing variant) [Homo sapiens]
Official Symbol	FEV
Synonyms	FEV; FEV (fifth Ewing variant); Pet-1; protein FEV; FEV (ETS oncogene family); PC12 ETS domain-containing transcription factor 1; fifth Ewing variant protein
Gene ID	54738
mRNA Refseq	NM_017521
Protein Refseq	NP_059991
MIM	607150
UniProt ID	Q99581

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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