

Recombinant Human FES protein, His & T7-tagged

Cat. No. FES-1627H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FES aa. (Leu509~Asn766 (Accession # P07332)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Leu509~Asn766
Description	This gene encodes the human cellular counterpart of a feline sarcoma retrovirus protein with transforming capabilities. The gene product has tyrosine-specific protein kinase activity and that activity is required for maintenance of cellular transformation. Its chromosomal location has linked it to a specific translocation event identified in patients with acute promyelocytic leukemia but it is also involved in normal hematopoiesis as well as growth factor and cytokine receptor signaling. Alternative splicing results in multiple variants encoding different isoforms.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.6kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%

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Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	8.2

GENE INFORMATION

Gene Name	FES FES proto-oncogene, tyrosine kinase [Homo sapiens (human)]
Official Symbol	FES
Synonyms	FES; FES proto-oncogene, tyrosine kinase; FPS; tyrosine-protein kinase Fes/Fps; Oncogene FES, feline sarcoma virus; feline sarcoma (Snyder-Theilen) viral (v-fes)/Fujinami avian sarcoma (PRCII) viral (v-fps) oncogene homolog; feline sarcoma oncogene; feline sarcoma/Fujinami avian sarcoma oncogene homolog; p93c-fes; proto-oncogene c-Fes; proto-oncogene c-Fps; proto-oncogene tyrosine-protein kinase Fes/Fps
Gene ID	2242

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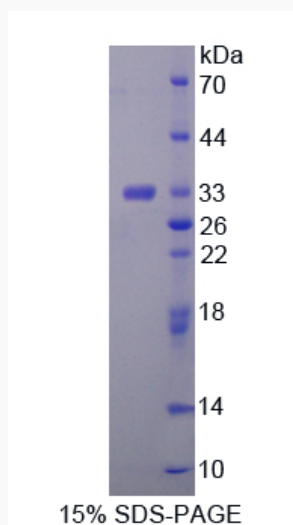
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mRNA Refseq [NM_001143783.1](#)

Protein Refseq [NP_001137255.1](#)

UniProt ID [P07332](#)

SDS-PAGE



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