Recombinant Human Feline Sarcoma Oncogene, GST-tagged, Active

Cat. No. FES-311H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length human FES was expressed by baculovirus in*Sf9 insect cell*susing an N-terminal GST tag. MW=125kDa.
Species	Human
Source	Sf9 Cells
Description	FES is a protooncogene that encodes a protein-tyrosine kinase distinct from c-Src, c-Abl and other nonreceptor tyrosine kinases. FES was originally identified as the cellular homolog of several transforming retroviral oncoproteins. FES plays a role in regulating cytoskeletal rearrangements and inside out signalling that accompany receptor ligand, cell matrix and cell-cell interaction.
Sequence	Full-length.
Applications	Kinase Assay, Western Blot.
Storage And Stability	Store product at –70^{o}C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

GENE INFORMATION

Gene Name	FES feline sarcoma oncogene [Homo sapiens]

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Synonyms	FES; feline sarcoma oncogene; FPS; c-fes/fps protein; Oncogene FES, feline sarcoma virus; proto-oncogene tyrosine-protein kinase Fes/Fps; feline sarcoma (Snyder-Theilen) viral (v-fes)/Fujinami avian sarcoma (PRCII) viral (v-fps) oncogene homolog; EC 2.7.10.2
Gene ID	2242
mRNA Refseq	NM_001143783
Protein Refseq	NP_001137255
MIM	190030
UniProt ID	P07332
Chromosome Location	15q26
Pathway	Axon guidance
Function	ATP binding; non-membrane spanning protein tyrosine kinase activity; nucleotide binding; protein binding; receptor activity; transferase activity

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