

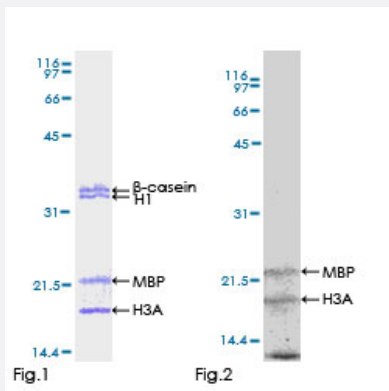
Full-Length

FES (Human) Recombinant Protein (P01)

Catalog # H00002242-P01

Size 25 ug, 10 ug

Applications



Kinase Assay



Specification

Product Description

Human FES full-length ORF (AAH35357, 1 a.a. - 822 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence	MGFSSELCSPPQGHGVLQQMQEAE LRLL EGMRKWMAQRVKSDREYAGLLHHMSLQDSGGQSR AISPDSPISQSWAEITSQTEGLSRLLRQHAEDLNSGPLSKLSLLIRERQQLRKTYSEQWQQLQQEL TKTHSQDIEKLKSQYRALARDSAQAKRKYQEASKDKDRDKAKDKYVRSLWKLF AHHNRYVLGVR AAQLHHQH HHQLLLPGLLRSLQDLHEEMACILKEILQEYLEISSLVQDEVVAIHREMAAAAARIQPE AEYQGFLRQYGSAPDVPPCVTFDES LLEEGEPELGELQLNELTVESVQHTLTSVTDELAVATE MVFRREQEMVTQLQQELRNEEENTHPRERVQLLGKRQVLQEALQGLQVALCSQAKLQAQQELLQ TKLEHLGPGEPPPVL LLQDDRHSTSSSEQERE GGRTPTLEILKSHISGIFRPKFSLPPPLQLIPEVQ KPLHEQLWYHGAIPRAEVAELLVHSGDFLVRESQ GKQEYVLSVLWDGLPRHFIIQSLDNL YRLEGE GFPSIPLLDHLLSTQQPLTKKSGVVLHRAVPKDKWVLNHEDLVLGEQIGRGNFGEVFSGR LRAD NTLVAVKSCRETLPDLKAKFLQEARKLQYSHPNVRLIGVCTQKQPMVMELVQGGDFLTFL RTE GARLRVKTLLQMVGDAAGMEYLESKCCIHRLAARNCLVTEKNVLKISDFGMSREEADGVYAA SGGLRQVPVKWTAPEALNYGRYSSESDVWSFGILLWETFSLGASPYPNLSNQQTREFVEKGGRL PCPELCPDAVFRLMEQCWAYEPGQRPSFSTIYQELQSIRKRHR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	116.16
Interspecies Antigen Sequence	Mouse (91); Rat (91)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Kinase Assay

[Protocol Download](#)

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — FES

Entrez GeneID [2242](#)

GeneBank Accession# [BC035357](#)

Protein Accession# [AAH35357](#)

Gene Name FES

Gene Alias FPS

Gene Description feline sarcoma oncogene

Omim ID [190030](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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

Other Designations Oncogene FES, feline sarcoma virus|c-fes/fps protein|feline sarcoma (Snyder-Theilen) viral (v-fes) /Fujinami avian sarcoma (PRCII) viral (v-fps) oncogene homolog|proto-oncogene tyrosine-protein kinase Fes/Fps

Pathway

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Disease

- [Cardiovascular Diseases](#)
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- [Myelodysplastic Syndromes](#)