

# Recombinant Human FES protein, His-tagged

**Cat. No.** FES-3307H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human FES protein(125-390 aa), fused to His tag, was expressed in E. coli.                                                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 125-390 aa                                                                                                                                                                                                                                                                              |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.     |
| <b>AA Sequence</b>      | QELTKTHSQDIEKLKSQYRALARDSAQAKRKYQEASKDKDRDKAKDKYVRSLWKLF<br>AHHNRYVLGVRAAQLHHQHHLQLLLPGLLRSLQDLHEEMACILKEILQEYLEISLVQ<br>DEVVAIHREMAAAAARIQPEAEYQGFLRQYGSAPDVPPCVTFDESLLEEGEPLPGE<br>LQLNELTVESVQHTLTSVTDELAVATEMVFRQEMVTQLQQELRNEEENTHPRERV<br>QLLGKRQVLQEALQGLQVALCSQAKLQAQQELLQTKLEH |
| <b>Purity</b>           | 95%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.                                                    |

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|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reconstitution</b> | Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.<br>Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage. |
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## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | FES feline sarcoma oncogene [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Official Symbol</b> | FES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Synonyms</b>        | FES; feline sarcoma oncogene; feline sarcoma (Snyder Theilen) viral (v fes)/Fujinami avian sarcoma (PRCII) viral (v fps) oncogene homolog; tyrosine-protein kinase Fes/Fps; c fes/fps protein; FPS; Oncogene FES; feline sarcoma virus; p93c-fes; proto-oncogene c-Fes; proto-oncogene c-Fps; Oncogene FES, feline sarcoma virus; proto-oncogene tyrosine-protein kinase Fes/Fps; feline sarcoma/Fujinami avian sarcoma oncogene homolog; feline sarcoma (Snyder-Theilen) viral (v-fes)/Fujinami avian sarcoma (PRCII) viral (v-fps) oncogene homolog; |
| <b>Gene ID</b>         | 2242                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>mRNA Refseq</b>     | NM_001143783                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Protein Refseq</b>  | NP_001137255                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>MIM</b>             | 190030                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>UniProt ID</b>      | P07332                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

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