

# Recombinant Full Length Human FOSL1 Protein, GST-tagged

**Cat. No.** FOSL1-5042HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human FOSL1 full-length ORF ( AAH16648.1, 1 a.a. - 271 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 271 amino acids                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | The Fos gene family consists of 4 members: FOS, FOSB, FOSL1, and FOSL2. These genes encode leucine zipper proteins that can dimerize with proteins of the JUN family, thereby forming the transcription factor complex AP-1. As such, the FOS proteins have been implicated as regulators of cell proliferation, differentiation, and transformation. [provided by RefSeq] |
| <b>Molecular Mass</b>   | 55.44 kDa                                                                                                                                                                                                                                                                                                                                                                  |
| <b>AA Sequence</b>      | MFRDFGEPGPSSGNGGGYGGPAQPPAAAQAAQQKFHLVPSINTMSGSQELQWMV<br>QPHFLGPSSYPRPLTYPQYSPQPVRPGVIRALGPPPGVRRRRCPEQISPEEEERRRV<br>RRERNKLAAAKCRNRRKELTDFLQAETDKLEDEKSGLQREIEELQKQKERLELVLEA<br>HRPICKIPEGAKEGDTGSTSGTSSPPAPCRPVPCISLSPGPVLEPEALHTPTLMTTPS<br>LTPFTPSLVFTYPSTPEPCASAHKSSSSSGDPSSDPLGSPTLLAL                                                                            |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)                                                                                                                                                                                                                                                                                                  |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

## GENE INFORMATION

|                        |                                                                                                |
|------------------------|------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | FOSL1 FOS-like antigen 1 [ Homo sapiens ]                                                      |
| <b>Official Symbol</b> | FOSL1                                                                                          |
| <b>Synonyms</b>        | FOSL1; FOS-like antigen 1; fos-related antigen 1; fra 1; FOS-like antigen-1; FRA; FRA1; fra-1; |
| <b>Gene ID</b>         | 8061                                                                                           |
| <b>mRNA Refseq</b>     | NM_005438                                                                                      |
| <b>Protein Refseq</b>  | NP_005429                                                                                      |
| <b>MIM</b>             | 136515                                                                                         |
| <b>UniProt ID</b>      | P15407                                                                                         |

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