

# Recombinant Human FOSL1 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** FOSL1-5606H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | FOSL1 MS Standard C13 and N15-labeled recombinant protein (NP_005429) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <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. Several transcript variants encoding different isoforms have been found for this gene. |
| <b>Molecular Mass</b>   | 29.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>AA Sequence</b>      | MFRDFGEPGPSSGNGGGYGGPAQPPAAAQAAQKQKHLVPSINTMSGSQELQWMV<br>QPHFLGPSSYPRPLTYPQYSPQPQPRGVIRALGPPPGVRRRRCPEQISPEEEERRRV<br>RRERNKLAAAKCRNRRKELTDFLQAETDKLEDEKSGLQREIEELQKQKERLELVLEA<br>HRPICKIPEGAKEGDTGSTSGTSSPPAPCRPVPCISLSPGPVLEPEALHTPTLMTTPS<br>LTPFTPSLVFTYPSTPEPCASAHRKSSSSSGDPSSDPLGSPTLLALTRTRPLEQKLIS<br>EEDLAANDILDYKDDDDKV                                                                                                          |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                  |

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|-----------------------|--------------------------------------------------------------------------------------------|
| <b>Stability</b>      | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA                                                              |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                    |

## GENE INFORMATION

|                        |                                                                                                |
|------------------------|------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | FOSL1 FOS-like antigen 1 [ Homo sapiens (human) ]                                              |
| <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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## SDS-PAGE



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