

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

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

## SPECIFICATION

### Product Overview

FOSL1 MS Standard C13 and N15-labeled recombinant protein (NP\_005429) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

### Species

Human

### Source

HEK293

### Description

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.

### Molecular Mass

29.4 kDa

### AA Sequence

MFRDFGEPGPSSGNGGGYGGPAQPPAAAQAAQKQFHLVPSINTMSGSQELQWMV  
 QPHFLGPSSYPRPLTYPQYSPPQPRPGVIRALGPPPGVRRRRCPEQISPEEEERRRV  
 RRERNKLAALKCRNRKELTDFLQAETDKLEDEKSGLQREIEELQKQKERLELVLEA  
 HRPICKIPEGAKEGDTGSTSGTSSPPAPCRPVPCISLSPGPVLEPEALHTPTLMTTPS  
 LTPFTPSLVFTYPSTPEPCASAHRKSSSSSGDPSSDPLGSPTLLALTRTRPLEQKLIS  
 EEDLAANDILDYKDDDDKV

### Purity

> 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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