

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	MFRDFGEPGPSSGNGGGYGGPAQPPAAAQAAQKQKHLVPSINTMSGSQELQWMV QPHFLGPSSYPRPLTYPQYSPQPVRGALGPPPGVRRRRCPEQISPEEEERRRV RRERNKLAAAKCRNRRKELTDFLQAETDKLEDEKSGLQREIEELQKQKERLELVLEA HRPICKIPEGAKEGDTGSTSGTSSPPAPCRPVPCISLSPGPVLEPEALHTPTLMTTPS LTPFTPSLVFTYPSTPEPCASAHRKSSSSSGDPSSDPLGSPTLLALTRTRPLEQKLIS EEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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

GENE INFORMATION

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

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SDS-PAGE

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