

## Product datasheet for **TP302104M**

### **FRA1 (FOSL1) (NM\_005438) Human Recombinant Protein**

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Recombinant protein of human FOS-like antigen 1 (FOSL1), 100 µg  |
| Species:                              | Human  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >RC202104 representing NM_005438<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)<br><br>MFRDFGEPGPSSGNGGGYGGPAQPPAAAQAAQKQFHLVPSINTMSGSQELQWMVQPHFLGPSSYPRPLTY<br>PQYSPPQPRPGVIRALGPPPVGRRRPCEQISPEEEERRRVRRRERNKLAALKCRNRRKELTDFLQAETDKL<br>EDEKSGLQREIEELQKQKERLELVLEAHRPICKIPEGAKEGDTGSTSGTSSPPAPCRVPVCISLSPGPVL<br>EPEALHTPTLMTTPSLTPFTPSLVFTYPSTPEPCASAHRKSSSSSGDPSSDPLGSPTLLAL<br><br><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b> |
| Tag:                                  | C-Myc/DDK  |
| Predicted MW:                         | 29.2 kDa   |
| Concentration:                        | >0.05 µg/µL as determined by microplate BCA method   |
| Purity:                               | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| Buffer:                               | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol   |
| Preparation:                          | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.   |
| Note:                                 | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.   |
| Storage:                              | Store at -80°C.  |
| Stability:                            | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.  |
| RefSeq:                               | <a href="#">NP_005429</a>  |
| Locus ID:                             | 8061   |
| UniProt ID:                           | <a href="#">P15407</a> , <a href="#">A0A0S2Z595</a>  |



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RefSeq Size: 1759

Cytogenetics: 11q13.1

RefSeq ORF: 813

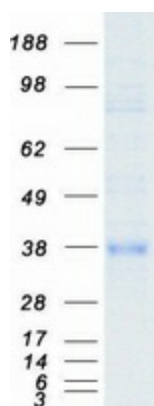
Synonyms: FRA; fra-1; FRA1

**Summary:** 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. [provided by RefSeq, Jul 2014]

**Protein Families:** Druggable Genome, Transcription Factors

**Protein Pathways:** Wnt signaling pathway

### Product images:



Coomassie blue staining of purified FOSL1 protein (Cat# [TP302104]). The protein was produced from HEK293T cells transfected with FOSL1 cDNA clone (Cat# [RC202104]) using MegaTran 2.0 (Cat# [TT210002]).