

# Product information

## FOSL2, 1-326aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2968

**Full name:** Fos-related antigen 2

**NCBI Accession No.:** NP\_005244

**Synonyms:** FRA2

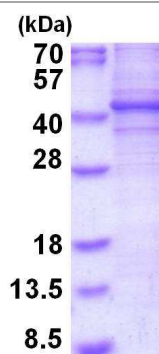
**Description:** FOSL2, also known as fos-related antigen 2, is a protein that in humans is encoded by the FOSL2 gene. The Fos gene family consists of 4 members: FOS, FOSB, FOSL1, and FOSL2. These genes encode leucine zipper proteins that can dimerize with proteins of the JUN family, thereby forming the transcription factor complex AP-1. As such, the FOS proteins have been implicated as regulators of cell proliferation, differentiation, and transformation. Recombinant FOSL2, fused to His-tag at N-terminus, was expressed in *E.coli*.

**Form:** Liquid. In 20mM Tris-HCl(pH 8.0) containing 10% glycerol.

**Molecular Weight:** 37.6kDa (349aa)

**Purity:** > 85% by SDS - PAGE

**Concentration:** 0.5mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

### Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MGS MYQDYPG NFD TSSRGSS GSPAHAESYS SGGGGQQKFR VDMPGSGSAF IPTINAITTS QDLQWMVQPT  
VITSMNPYP RSHPYSP LPG LASVPGH MAL PRPGVIKTIG TTVGRRRRDE QLSPEEEER RIRRRNKLA AAKCRNRRE LTEKLQAE TE  
ELEEEKSGLQ KEIAELQKEK EKLEFMLVAH GPVCKISPEE RRSPAPGLQ PMRSGGGSVG AVVVKQEPLE EDSPSSSSAG LDKAQRSVIK  
PIS IAGGFY G EEPLHTPIVV TSTPAVTPGT SNLVFTYPSV LEQESPASPS ESCSKAHRRS SSSGDQSSDS LNSPTLLAL

### General references:

Santalucía T, Christmann M, *et al.* (2003). *Cardiovasc Res.* 59(3):639-48.

Molven A, Houge G, *et al.* (1996). *Genomics.* 38(1):72-5.

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.

Avoid repeated freezing and thawing cycles.

**For research use only. This product is not intended or approved for human, diagnostics or veterinary use.**