

Recombinant human FOSL2 protein

Catalog Number: ATGP2968

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-326aa

UniProt No.

P15408

NCBI Accession No.

NP_005244.1

Alternative Names

Fos-related antigen 2, FRA2

PRODUCT SPECIFICATION

Molecular Weight

37.6 kDa (349aa)

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

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Amino acid Sequence

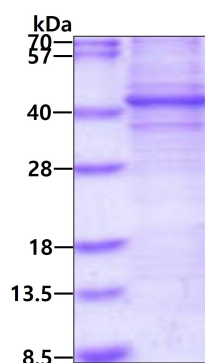
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IPTINAITTS QDLQWMVQPT VITSMSNPYP RSHYPYPLPG LASVPGHMAL PRPGVIKTIG TTVGRRRRDE QLSPEEEEEKR
RIRRERNKLA AAKCRNRRRE LTEKLQAETE ELEEKSGLQ KEIAELQKEK EKLEFMLVAH GPVCKISPEE RRSPPAPGLQ
PMRSGGGSVG AVVVKQEPLE EDSPESSSSAG LDKAQRSVIK PISIAGGFYG EEPLHTPIVV TSTPAVTPGT SNLVFTYPSV
LEQESPASPS ESCSKAHRRS SSSGDQSSDS LNSPTLLAL

General References

Santalucia T, Christmann M, et al. (2003). *Cardiovasc Res.* 59(3):639-48.
Molven A, Houge G, et al. (1996). *Genomics.* 38(1):72-5.

DATA

SDS-PAGE



3 μ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.