

FOSL2, 1-326aa, Human, His tag, E.coli

Cat.NO.: TP02147

3th Edition

Synonyms:Fos-related antigen 2, 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)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMYQDYPGNFDTSSRGSSGSPAHAESYSSGGGGQQKFRVDMPGSGSAFIP
TINAITTSQDLQWMVQPTVITSMNPYPRSHYPYPLGLASVPGHMALPRPGVIKTIGTTVGRRRRDEQLSPEEEK
RRIRRERNKLAAAKCRNRRRELTEKLQAETEELEEKSGLQKEIAELQKEKEKLEFMLVAHGVPCKISPEERRSPPA
PGLQPMRSGGGSVGAVVVKQEPLEEDSPSSSSAGLDKAQRSVIKPISIAGGFYGEEPLHTPIVVTSTPAVTPGTSNL
VFTYPSVLEQESPASPSESCSKAHRSSSSGDQSSDSLNSPTLLAL

Purity:> 95% by HPLC

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

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.