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## Product Data Sheet

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Product Name: FOSL2 Human  
 Cat. No.: GP23510  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	FOS-Like Antigen 2; FRA-2; FRA2; Fos-Related Antigen 2; FOSL2.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMYQDYPG NFDTSRGS GSPAHAESYS SGGGGQQKFR VDMPGSGSAF IPTINAITTS QDLQWMVQPT VITSMSNPYP RSHYSPPLPG LASVPGHMAL PRPGVIKTIG TTVGRRRRDE QLSPEEEEEKR RIRRERNKLA AAKCRNRRRE LTEKLQAETE ELEEKSLGQ KEIAELQKEK EKLEFMLVAH GPVCKISPEE RRSPPAPGLQ PMRSGGGSVG AVVVKQEPLE EDSPSSSSAG LDKAQRSVIK PISIAGGFYD EEPLHTPIVV TSTPAVTPGT SNLVFTYPSV LEQESPASPS ESCSKAHRRS SSSGDQSSDS LNSPTLLAL		
Formulation	FOSL2 protein solution (0.5mg/ml) containing 20mM Tris-HCl (pH 8.0) and 10% glycerol.		

### Introduction

FOS-LikeAntigen 2, also known as FOSL2 is a protein which is encoded in humans by theFOSL2 gene. The Fos gene family consists of four members: FOS, FOSB, FOSL1, andFOSL2. Furthermore, these genes encode leucine zipper proteins which candimerize with proteins of the JUN family, in that way forming the transcriptionfactor complex AP-1. As such, the FOS proteins have been involved as regulatorsof cell proliferation, differentiation, as well transformation.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks.Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

### Background

FOSL2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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chain containing 349 amino acids (1-326 a.a) and having a molecular mass of 37.6kDa.FOSL2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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