

Product datasheet for PH302104

FRA1 (FOSL1) (NM_005438) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FOSL1 MS Standard C13 and N15-labeled recombinant protein (NP_005429)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202104
Predicted MW:	29.4 kDa
Protein Sequence:	>RC202104 representing NM_005438 Red=Cloning site Green=Tags(s) MFRDFGEPGPSSGNGGGYGGPAQPPAAAQAAQKQFHLVPSINTMSGSQELQWMVQPHFLGPSSYPRPLTY PQYSPPQPRPGVIRALGPPPGVRRRPCEQISPEEEERRRVRERENKLAALKCRNRKELTDFLQAETDKL EDEKSGLQREIEELQKQKERLELVLEAHRPICKIPEGAKEGDTGSTSGTSSPPAPCRVPVCISLSPGPVL EPEALHTPTLMTTPSLTPFTPSLVFTYPTSTPEPCASAHKRKSSSSSGDPSSDPLGSPDLLAL TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_005429
RefSeq Size:	1759
RefSeq ORF:	813
Synonyms:	FRA; fra-1; FRA1
Locus ID:	8061
UniProt ID:	P15407 , A0A0S2Z595



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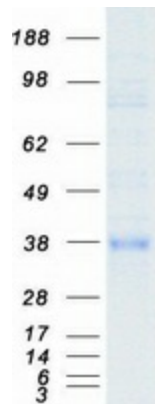
Cytogenetics: 11q13.1

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]).