

Active Recombinant Human FOS-like Antigen 1

Cat. No. FOSL1-1034H Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	E.coli
Description	<p>The fos-related antigen 1 (Fra-1, or FosL1: Fos-like antigen 1) is a member of the Fos onco-protein family and a component of AP-1 transcription factor. Similar to other members of the family, Fra-1 contains a leucine zipper domain and a highly conserved C-terminal region. Transcription of Fra-1 gene is regulated by multiple cis-elements and 12-O-tetradecanoylphorbol-13-acetate (TPA). Fra-1 expression is associated with proliferation and invasiveness of breast cancer cells and other cancer cells.</p>
Form	Liquid. Supplied in 20 mM Tris-HCl pH 8.0, 20% glycerol, 100 mM KCl, 0.2 mM EDTA and 1 mM DTT.
Purity	> 95% by SDS-PAGE.
Activity	20-200 ng are sufficient for an in vitro transcription assay and 100 ng are sufficient for a protein-protein interaction assay.
Application	Use only for research. FRA-1 can be applied in in vitro transcription assays, DNA-protein and protein-protein interaction assays.
Usage	For in vitro use only.
Storage	Quality guaranteed for 12 months store at - 80°C. Avoid freeze / thaw cycles

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GENE INFORMATION

Gene Name	FOSL1 FOS-like antigen 1 [Homo sapiens]
Synonyms	FOSL1; FOS-like antigen 1; FRA; FRA1; fra-1; FOS-like antigen-1; Fos-related antigen; FRA-1
Gene ID	8061
mRNA Refseq	NM_005438
Protein Refseq	NP_005429
MIM	136515
UniProt ID	P15407
Chromosome Location	11q13
Pathway	Wnt signaling pathway
Function	protein dimerization activity; sequence-specific DNA binding; transcription activator activity; transcription factor activity

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