Recombinant Human FOSB

Cat. No. FOSB-28107TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 113-151 of Human Fos B
Species	Human
Source	E.coli
ProteinLength	113-151 a.a.
Description	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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 20% Glycerol, 50mM Tris acetate, 1mM EDTA, pH 7.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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Sequences of amino acids	SSGGASGSGGPSTSGTTSGPGPARPARARPRRPREETLT
Sequence Similarities	Belongs to the bZIP family. Fos subfamily.Contains 1 bZIP domain.

GENE INFORMATION

Gene Name	FOSB FBJ murine osteosarcoma viral oncogene homolog B [Homo sapiens]
Official Symbol	FOSB
Synonyms	FOSB; FBJ murine osteosarcoma viral oncogene homolog B; protein fosB; activator protein 1; AP 1; DKFZp686C0818; GOS3; GOSB; G0S3; MGC42291; oncogene FOS B;
Gene ID	2354
mRNA Refseq	NM_001114171
Protein Refseq	NP_001107643
MIM	164772
Uniprot ID	P53539
Chromosome Location	19q13.3
Pathway	Osteoclast differentiation, organism-specific biosystem; Osteoclast differentiation, conserved biosystem; TGF-beta Receptor Signaling Pathway, organism-specific biosystem;

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Function	DNA binding; protein dimerization activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; transcription factor binding;

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