

Recombinant Full Length Human FOSB Protein, His tagged

Cat. No. FOSB-02H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human FOSB Protein with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-338 aa
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.
Tag	C-His
Molecular Mass	37 kDa
AA Sequence	MFQAFPGDYDSGSRCS SSPSAESQYLSSVDSFGSPPTAAASQECAGLGEMPGSFV PTVTAITTSQDLQWLQPTLISSMAQSQQGPLASQPPVDPYDMPGTSYSTPGMSG YSSGGASGSGGPSTSGTTS GPGPARPARARRRPREETLTPEEEEEKRRVRRERNK LAAAKCRNRRRELTDRLQAETDQLEEEKAELESEIAELQKEKERLEFVLVAHKPGCKI PYEEGPGGPLAEVRDLPGSAPAKEDGFSWLLPPPPPPPLPFQTSQDAPPNLTASL FTHSEVQVLGDPFPV VNPSTSSFVLTCP EVSAFAGAQR TSGSDQP SDPLNPSLL

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Endotoxin	< 1 EU/μg by LAL.
Purity	> 80% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Sterile PBS, pH7.4, 10% Glycerol, 5% Trehalose
Concentration	1 mg/mL by BCA

GENE INFORMATION

Gene Name	FOSB FosB proto-oncogene, AP-1 transcription factor subunit [Homo sapiens (human)]
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; G0/G1 switch regulatory protein 3; AP-1
Gene ID	2354
mRNA Refseq	NM_001114171
Protein Refseq	NP_001107643
MIM	164772

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UniProt ID

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