

Recombinant Full Length Human FOS Protein, GST-tagged

Cat. No. FOS-716HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human FOS(1 a.a. - 380 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	380 amino acids
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. In some cases, expression of the FOS gene has also been associated with apoptotic cell death.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	67.54 kDa
AA Sequence	MMFSGFNADY EASSSRCSSA SPAGDSLSYY HSPADSFSSM GSPVNAQDFC TDLAVSSANF IPTVTAISTS PDLQWLQPA LVSSVAPSQT RAPHFPGVPA PSAGAYS RAG VVKMTGGRA QSIGRRGKVE QLSPEEEEEKR RIRRERNKMA AAKCRNRRRE LTDTLQAETD QLEDEKSALQ TEIANLLKEK EKLEFILA AH RPACKIPDDL GFPEEMSVAS LDLTGGLPEV ATPESEEAFT LPLLNDPEPK

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

PSVEPVKSIS SMELKTEPFD DFLFPASSRP SGSETARSVP DMDLSGSFYA
ADWEPLHSGS LGMGPMATEL EPLCTPVVTC TPSC TAYTSS FVFTYPEADS
FPSCAAHRK GSSSNEPSSD SLSSPTLLAL

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name

FOS FBJ murine osteosarcoma viral oncogene homolog [Homo sapiens]

Official Symbol

FOS

Synonyms

FOS; FBJ murine osteosarcoma viral oncogene homolog; v fos FBJ murine osteosarcoma viral oncogene homolog; proto-oncogene c-Fos; AP 1; c fos; activator protein 1; cellular oncogene c-fos; G0/G1 switch regulatory protein 7; FBJ murine osteosarcoma viral (v-fos) oncogene homolog (oncogene FOS); p55; AP-1; C-FOS

Gene ID

2353

mRNA Refseq

NM_005252

Protein Refseq

NP_005243

MIM

164810

UniProt ID

P01100

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA