

Recombinant Human FOS Protein, His-tagged

Cat. No. FOS404H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FOS fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
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	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1% Sarkosyl.
Molecular Mass	40.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	FOS FBJ murine osteosarcoma viral oncogene homolog [Homo sapiens]
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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

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