

Recombinant Human FOS Protein, His-tagged

Cat. No. FOS-4893H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FOS Protein was expressed in E. coli with His tag.
Species	Human
Source	E.coli
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
AA Sequence	ILAAHRPACKIPDDLGFPEEMSVASLDLTGGLPEVATPESEEAFTLPLLNDPEPKPSV EPVKSISSEMELKTEPFDDFLFPASSRPSGSETARSVPMMDLSGSFYAADWEPLHSG SLGMGPMATELEPLCTPVVTCTPSCTAYTSSF
Endotoxin	Less than 0.1 ng/g (1 IEU/g) as determined by LAL test.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8 centigrade for (1-2 weeks). Long-term storage: Aliquot and store at -20 centigrade to -80 centigrade for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.
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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

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