

Recombinant Mouse Fos Protein, His-tagged

Cat. No. Fos-1509M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Fos Protein (Phe6-Thr240) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Phe6-Thr240
Description	Enables DNA-binding transcription activator activity, RNA polymerase II-specific; RNA polymerase II cis-regulatory region sequence-specific DNA binding activity; and chromatin binding activity. Acts upstream of or within several processes, including positive regulation of osteoclast differentiation; response to muscle stretch; and skeletal muscle cell differentiation. Located in endoplasmic reticulum and nucleus. Part of transcription regulator complex. Is expressed in several structures, including alimentary system; brain; early conceptus; genitourinary system; and integumental system. Orthologous to human FOS (Fos proto-oncogene, AP-1 transcription factor subunit).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.5 kDa
Purity	> 97%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Fos FBJ osteosarcoma oncogene [Mus musculus (house mouse)]
Official Symbol	Fos
Synonyms	FOS; FBJ osteosarcoma oncogene; proto-oncogene c-Fos; cellular oncogene fos; proto-oncogene protein c-fos; cFos; c-fos; D12Rfj1;
Gene ID	14281
mRNA Refseq	NM_010234
Protein Refseq	NP_034364
UniProt ID	P01101

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