



# Recombinant Rat Proto-oncogene c-Fos (Fos)

<b>Product Code</b>	CSB-EP008790RA
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P12841
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MMFSGFNADY EASSSRCSSA SPAGDSLSTYY HSPADSFSSM GSPVNTQDFC ADLSVSSANF IPTVTAISTS PDLQWLQVPT LVSSVAPSQT RAPHYGLPT PSTGAYARAG VVKTMSGGRA QSIGRRGKVE QLSPEEEEEKR RIRRERNKMA AAKCRNRRRE LTDTLQAETD QLEDEKSALQ TEIANLLKEK EKLEFILAAH RPACKIPNDL GFPEEMSVTS LDLTGGLPEA TTPESSEEAFT LPLLNDPEPK PSLEPVKNIS NMELKAEPFD DFLFPASSRP SGSETARSVP DVDLSGSFYA ADWEPLHSSS LGMGPMVTEL EPLCTPVVTC TPSCTTYTSS FVFTYPEADS FPSCAAHRK GSSSNEPSSD SLSSPTLLAL
<b>Source</b>	E.coli
<b>Target Names</b>	Fos
<b>Protein Names</b>	Recommended name: Proto-oncogene c-Fos Alternative name(s): Cellular oncogene fos
<b>Expression Region</b>	1-380
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.