



# Recombinant Sheep Proto-oncogene c-Fos (FOS)

<b>Product Code</b>	CSB-MP008790SH
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O02761
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Ovis aries (Sheep)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	ERNKMAAAKC RNRRRELTDT LQAETDQLED EKSALQTEIA NLLKEKEKLE FILAAHRPAC KIPDDLGFPE EMSVASLDLS GGLPEAATPE SEEAFTLPLL NDPEPKPSLE PVKSISNVEL KAEPFDDFLF PASSRPSGSE TSRSVPDVDL SGSFYAADWE PLHSNSLGMG PMVTELEPLC TPVVTCTPGC TTYTS
<b>Source</b>	Mammalian cell
<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>	1-195
<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.