



Recombinant Bovine Oncostatin-M (OSM)

Product Code	CSB-EP017260BO-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P53346
Product Type	Recombinant Protein
Immunogen Species	Bos taurus (Bovine)
Purity	>85% (SDS-PAGE)
Sequence	KCSG KYHELLLQLQ RQADLMQDPS TLLDPYIHLQ GLHSPVLQEH CRERPGDFPS EDALWRLSRQ DFLQTLNNTL GLILRMLSAL QQDLPEAAHQ QAEMNVRGFG NNIHCMAQLL RGSSDPKAAE PTQPGPGPTP LPPTPPSSTF QRKLRNCGFL RGYHRFMRTA GQVLRGWGER QGRSR
Source	E.coli
Target Names	OSM
Protein Names	Recommended name: Oncostatin-M Short name= OSM
Expression Region	27-205
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	Oncostatin M is a member of a cytokine family that includes leukemia-inhibitory factor, granulocyte colony-stimulating factor, and interleukin 6. This gene encodes a growth regulator which inhibits the proliferation of a number of tumor cell lines. It regulates cytokine production, including IL-6, G-CSF and GM-CSF from endothelial cells.
Reconstitution	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.
Shelf Life	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.