



Recombinant Mouse Nodal (Nodal)

Product Code	CSB-EP015916MO-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P43021
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	HHL PDR SQLCRRVKFQ VDFNLIGWGS WIIYPKQYNA YRCEGECPNP VGEEFHPTNH AYIQSLLKRY QPHRVPSTCC APVKTKPLSM LYVDNGRVLL EHHKDMIVEE CGCL
Source	E.coli
Target Names	Nodal
Protein Names	Recommended name: Nodal
Expression Region	245-354
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	This protein is a member of the TGF-beta superfamily. Studies of the mouse counterpart suggested that this gene may be essential for mesoderm formation and subsequent organization of axial structures in early embryonic development.
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.