Recombinant Mouse Fibroblast growth factor 3 (Fgf3)

Product Code	CSB-YP008630MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P05524
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	TTG PGTRLRRDAG GRGGVYEHLG GAPRRRKLYC ATKYHLQLHP SGRVNGSLEN SAYSILEITA VEVGVVAIKG LFSGRYLAMN KRGRLYASDH YNAECEFVER IHELGYNTYA SRLYRTGSSG PGAQRQPGAQ RPWYVSVNGK GRPRRGFKTR RTQKSSLFLP RVLGHKDHEM VRLLQSSQPR APGEGSQPRQ RRQKKQSPGD HGKMETLSTR ATPSTQLHTG GLAVA
Source	Yeast
Target Names	Fgf3
Protein Names	Recommended name: Fibroblast growth factor 3 Short name= FGF-3 Alternative name(s): Heparin-binding growth factor 3 Short name= HBGF-3 Proto-oncogene Int-2
Expression Region	18-245
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 fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities and are involved in a variety of biological processes including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This gene was identified by its similarity with mouse fgf3/int-2, a proto-oncogene activated in virally induced mammary tumors in the mouse. Frequent amplification of this gene has been found in human tumors, which may be important for neoplastic transformation and tumor progression. Studies of the similar genes in mouse and chicken suggested the role in inner ear formation.
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.