Recombinant Mouse Growth/differentiation factor 7 (Gdf7)

Product Code	CSB-BP009351MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P43029
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	TALAG TRGAQGSGGG GGGGGGGGGG GGGGGGGAGR GHGRRGRSRC SRKSLHVDFK ELGWDDWIIA PLDYEAYHCE GVCDFPLRSH LEPTNHAIIQ TLLNSMAPDA APASCCVPAR LSPISILYID AANNVVYKQY EDMVVEACGC R
Source	Baculovirus
Target Names	Gdf7
Protein Names	Recommended name: Growth/differentiation factor 7 Short name= GDF-7
Expression Region	316-461
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 gene encodes a member of the bone morphogenetic protein (BMP) family. BMPs belong to the transforming growth factor-beta superfamily of secreted signalling molecules that regulate diverse processes in growth, repair and embryonic development. In mouse, this gene functions as an inductive signal from the roof plate required for the specification of neuronal identity in the dorsal spinal cord.
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.