Recombinant Mouse Protein Wnt-5b (Wnt5b)

Product Code	CSB-EP026139MO-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P22726
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	QLL TDANSWWSLA LNPVQRPEMF IIGAQPVCSQ LPGLSPGQRK LCQLYQEHMS YIGEGAKTGI RECQHQFRQR RWNCSTVDNT SVFGRVMQIG SRETAFTYAV SAAGVVNAIS RACREGELST CGCSRAARPK DLPRDWLWGG CGDNVEYGYR FAKEFVDARE REKNFAKGSE EQGRALMNLQ NNEAGRRAVY KMADVACKCH GVSGSCSLKT CWLQLAEFRK VGDRLKEKYD SAAAMRITRQ GKLELANSRF NQPTPEDLVY VDPSPDYCLR NETTGSLGTQ GRLCNKTSEG MDGCELMCCG RGYDRFKSVQ VERCHCRFHW CCFVRCKKCT EVVDQYVCK
Source	E.coli
Target Names	Wnt5b
Protein Names	Recommended name: Protein Wnt-5b
Expression Region	18-359
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	The WNT gene family consists of structurally related genes which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is a member of the WNT gene family. It encodes a protein which shows 94% and 80% amino acid identity to the mouse Wnt5b protein and the human WNT5A protein, respectively. Alternative splicing of this gene generates 2 transcript variants.
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.