Recombinant Mouse Protein Wnt-9b (Wnt9b)

Product Code	CSB-YP026146MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O35468
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	AAYFGLT GREVLTPFPG LGTAAAPAQA GAHLKQCDLL KLSRRQKQLC RREPGLAETL RDAAHLGLLE CQFQFRQERW NCSLEGRTGL LQRGFKETAF LYAVSAAALT HALARACSAG RMERCTCDDS PGLESRQAWQ WGVCGDNLKY STKFLSNFLG PKRGSKDLRA RADAHNTHVG IKAVKSGLRT TCKCHGVSGS CAVRTCWKQL SPFRETGQVL KLRYDTAVKV SSATNEALGR LELWAPAKPG GPAKGLAPRP GDLVYMEDSP SFCRPSKYSP GTAGRVCSRD SSCSSLCCGR GYDTQSRMVV FSCHCQVQWC CYVECQQCAQ QELVYTCKR
Source	Yeast
Target Names	Wnt9b
Protein Names	Recommended name: Protein Wnt-9b Alternative name(s): Protein Wnt-14b Protein Wnt-15
Expression Region	24-359
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 that 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. Study of its expression in the teratocarcinoma cell line NT2 suggests that it may be implicated in the early process of neuronal differentiation of NT2 cells induced by retinoic acid. This gene is clustered with WNT3, another family member, in the chromosome 17q21 region.
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.