



Recombinant Bovine Protein Wnt-16 (WNT16)

Product Code	CSB-EP688667BO-B
Abbreviation	WNT16
Storage	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.
Uniprot No.	Q5E9U6
Product Type	Recombinant Protein
Immunogen Species	Bos taurus (Bovine)
Purity	>85% (SDS-PAGE)
Sequence	N WMWLGIASFG VPEKLGCANL PLNSRQKELC KRKPYLLPSI REGARLGIQE CRSQFRHERW NCLVAAASAP GTSPLFGYEL SSGTKETAFI YAVMAAGLVH SVTRSCSAGN MTECSCDTTL QNGGSSSEGW HWGGCSDDVQ YGMWFSRKFL DFPIKNTTAK ESKVLLAMNL HNNEAGRQAV AKLMSLDCRC HGVSGSCAVK TCWKTMSFE KIGHLLKDKY ENSVQISDKI KRKMHRREKD QRKIPIRKDD LLYVNKSPNY CVEDKKLKIP GTQGRCNRT SEGADGCNLL CCGRGYNTHV VRHVERCECK FIWCCYVRCR RCESMTDVHT CK
Source	E.coli
Target Names	WNT16
Protein Names	Recommended name: Protein Wnt-16
Expression Region	30-362
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 contains two transcript variants diverging at the 5 termini. These two variants are proposed to be the products of separate promoters and not to be splice variants from a single promoter. They are differentially expressed in normal tissues, one of which (variant 2) is expressed at significant levels only in the pancreas, whereas another one (variant 1) is expressed more ubiquitously with highest levels in adult kidney, placenta, brain, heart, and spleen.
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

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