



# Recombinant Mouse Protein Wnt-16 (Wnt16)

<b>Product Code</b>	CSB-YP889893MO
<b>Abbreviation</b>	Wnt16
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9QYS1
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	N WMWLGIASFG VPEKLGCADL PLNSRQKELC KRKPYLLPSI REGARLGIQE CRSQFRHERW NCMVATTTST QLATAPLFGY ELSSGTKETA FIYAIMAAGL VHSVTRSCSA GNMTECSCDT TLQNGGSPSE GWHWGGCSDD VQYGMWFSRK FLDLPIRNTT GKESRVLLAM NLHNNEAGRQ AVAKLMSVDC RCHGVSGSCA VKTCWKTMSSE FEKIGHFLKD KYENSIQISD KTKRKMRRRE KDQRQTPILK DDLLYVHKSP NYCVENKCLG IPGTQGRCN RTSGGADGCN LLCCGRGYNT HVVRHVERCE CKFIWCCYVR CRRCESMTDV HTCK
<b>Source</b>	Yeast
<b>Target Names</b>	Wnt16
<b>Protein Names</b>	Recommended name: Protein Wnt-16
<b>Expression Region</b>	30-364
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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.