



# Recombinant Human Protein Wnt-9b (WNT9B)

|                          |  |
|--------------------------|--|
| <b>Product Code</b>      | CSB-BP026146HU   |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.  |
| <b>Uniprot No.</b>       | O14905   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Homo sapiens (Human)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | SYFGLTGR EVLTPFPGLG TAAAPAQGGA HLKQCDLLKL SRRQKQLCRR<br>EPGLAETLRD AAHLGLLEECQ FQFRHERWNC SLEGRMGLLK RGFKETAFLY<br>AVSSAALTHT LARACSAGRM ERCTCDDSPG LESRQAWQWG<br>VCGDNLKYST KFLSNFLGSK RGNKDLRARA DAHNTHVGIK AVKSGLRITTC<br>KCHGVSGSCA VRTCWKQLSP FRETGQVLKL RYDSAVKVSS ATNEALGRLE<br>LWAPARQGSL TKGLAPRSGD LVYMEDSPSF CRPSKYSPGT AGRVCSREAS<br>CSSLCCGRGY DTQSRLVAFS CHCQVQWCCY VECQQCVQEE LVYTCKH   |
| <b>Source</b>            | Baculovirus  |
| <b>Target Names</b>      | WNT9B  |
| <b>Protein Names</b>     | Recommended name: Protein Wnt-9b Alternative name(s): Protein Wnt-14b<br>Protein Wnt-15  |
| <b>Expression Region</b> | 23-357   |
| <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 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. |
| <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.  |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.   |