



# Recombinant Chicken Protein Wnt-9a (WNT9A)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-MP026145CH  |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.   |
| <b>Uniprot No.</b>       | O42280  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Gallus gallus (Chicken)   |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | RPSAA YFGLTGNEAL TILPLTSEME EAAVKAHYKV CDRLKLEKKQ<br>RRMCRRDPGG AETLMEAISM SALECQYQFR FERWNCTLEG RYRASLLKRG<br>FKETAFLYAI SSAGLTHAMA KACSAGRMER CTCDEAPDLE NREAWQWGGC<br>GDNLKYSNKF VKEFLGRKPN KDLRARVDFH NNLVGMKVIK AGVETTCKCH<br>GVSGSCTVRT CWRQLSPFHE IGKQLKQKYE TSLKVGSTTN EATGEGDISP<br>PKKSIPGHSD QIPRTDLVY IDDSPSFCLM SRYSPGTSGR KCYKDKNCDS<br>ICCGRGHNTQ SRVTRPCQC QVRWCCYVEC KQCTQREEVY TCKD   |
| <b>Source</b>            | Mammalian cell  |
| <b>Target Names</b>      | WNT9A   |
| <b>Protein Names</b>     | Recommended name: Protein Wnt-9a Alternative name(s): Wnt-14  |
| <b>Expression Region</b> | 16-354  |
| <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. It is expressed in gastric cancer cell lines. This protein shows 75% amino acid identity to chicken Wnt14, which has been shown to play a central role in initiating synovial joint formation in the chick limb. This gene is clustered with another family member, WNT3A, in the chromosome 1q42 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. 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.   |