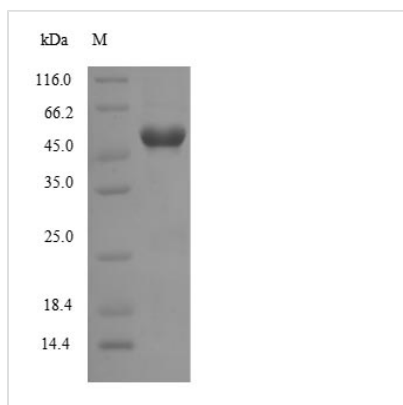




# Recombinant Human Protein Wnt-7b (Wnt7B)

|                          |  |
|--------------------------|--|
| <b>Product Code</b>      | CSB-EP026142HU   |
| <b>Relevance</b>         | Ligand for members of the frizzled family of seven transmembrane receptors. Probable developmental protein. May be a signaling molecule which affects the development of discrete regions of tissues. Is likely to signal over only few cell diameters   |
| <b>Abbreviation</b>      | Recombinant Human WNT7B protein  |
| <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>       | P56706   |
| <b>Storage Buffer</b>    | Tris-based buffer,50% glycerol   |
| <b>Product Type</b>      | Recombinant Proteins   |
| <b>Immunogen Species</b> | Homo sapiens (Human)   |
| <b>Purity</b>            | Greater than 85% as determined by SDS-PAGE.  |
| <b>Sequence</b>          | ALSSVVALGANIICNKIPGLAPRQRAICQSRPDAIIVIGEGAQMGINECQYQFRF<br>GRWNC SALGEKTVFGQELRVGSREAAFTYAITAAGVAHAVTAACSQGNLSNC<br>GCDREKQGYYNQAEGWKWGGCSADVRYGIDFSRRFVDAREIKKNARRLMNL<br>HNNEAGRKVLEDRMQLECKCHGVSGSCTTKTCWTTLPKFREVGHLLKEKYNA<br>AVQVEVVRASRLRQPTFLRIKQLRSYQKPMETDLVYIEKSPNYCEEDAATGSV<br>GTQGRLCNRTSPGADGCDTMCCGRGYNTHQYTKVWQCNCCKFWCCFVKC<br>NTCSERTEVFTCK |
| <b>Research Area</b>     | Stem Cells   |
| <b>Source</b>            | E.coli   |
| <b>Target Names</b>      | WNT7B  |
| <b>Protein Names</b>     | Recommended name: Protein Wnt-7b   |
| <b>Expression Region</b> | 25-349aa   |
| <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>          | N-terminal 10xHis-SUMO-tagged and C-terminal Myc-tagged  |
| <b>Mol. Weight</b>       | 56.3kDa  |
| <b>Protein Length</b>    | Full Length of Mature Protein  |
| <b>Image</b>             |  |



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## Shelf Life

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