

# Recombinant Human WNT7B Protein (25-349 aa), His-Myc-tagged

**Cat. No.** WNT7B-2786H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human WNT7B Protein (25-349 aa) is produced by Baculovirus expression system. This protein is fused with a 10xHis tag at the N-terminal and a Myc tag at the C-terminal. Research Area: Cancer. Protein Description: Full Length of Mature Protein.                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 25-349 aa                                                                                                                                                                                                                                                                                                                                                |
| <b>Form</b>             | Tris-based buffer,50% glycerol                                                                                                                                                                                                                                                                                                                           |
| <b>Molecular Mass</b>   | 40.2 kDa                                                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | ALSSVVALGANIICNKIPGLAPRQRAICQSRPDAIIVIGEGAQMGINECQYQFRFGRW<br>NCSALGEKTVFGQELRVGSREAAFTYAITAAGVAHAVTAACSQGNLSNCGCDREKQ<br>GYYNQAEGWKWGGCSADVRYGIDFSRRFVDAREIKKNARRLMNLHNNEAGRKVLE<br>DRMQLECKCHGVSGSCTTKTCWTTLPKFREVGHLLKEKYNAAVQVEVVRASRLRQ<br>PTFLRIKQLRSYQKPMETDLVYIEKSPNYCEEDAATGSVGTQGRLCNRTSPGADGC<br>DTMCCGRGYNTHQYTKVWQCNCKFWCCFVKCNTCSERTEVFTCK |
| <b>Purity</b>           | > 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                         |

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|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Notes</b>         | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.                                                                                                                                                                                                        |
| <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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade. |
| <b>Concentration</b> | A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.                                                                                                                                                                                                                |

## GENE INFORMATION

|                        |                                                                               |
|------------------------|-------------------------------------------------------------------------------|
| <b>Gene Name</b>       | WNT7B wingless-type MMTV integration site family, member 7B [ Homo sapiens ]  |
| <b>Official Symbol</b> | WNT7B                                                                         |
| <b>Synonyms</b>        | WNT7B; wingless-type MMTV integration site family, member 7B; protein Wnt-7b; |
| <b>Gene ID</b>         | 7477                                                                          |
| <b>mRNA Refseq</b>     | NM_058238                                                                     |
| <b>Protein Refseq</b>  | NP_478679                                                                     |
| <b>MIM</b>             | 601967                                                                        |
| <b>UniProt ID</b>      | P56706                                                                        |

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