

## Recombinant Human WNT2 Protein, His-tagged

Cat. No. WNT2-33H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant protein covering the region Ser128-End of Human WNT2. Expressed in E. coli with N-terminal His tag. Detectable by anti-His antibody in WB.                                                                                                                                                                                                                                                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | Ser128-End                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | WNT2 (wingless-type MMTV integration site family member 2) is a member of the WNT gene family, encoding secreted signaling proteins involved in oncogenesis and developmental processes. Recombinant Human WNT2 Protein, His-tagged covers the region Ser128-End and is expressed in E. coli with an N-terminal His tag. The predicted molecular weight is 26.0 kDa. This protein is involved in the Wnt signaling pathway, Hedgehog signaling pathway, Basal cell carcinoma, Melanogenesis, and Pathways in cancer. |
| <b>Form</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Molecular Mass</b>   | 26.0 kDa (predicted)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Notes</b>            | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.                                                                                                                                                                                                                                                                                                                                                                 |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                               |                                                                                                                                               |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>                | Store at -80C. Stable for 12 months from the date of receipt under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| <b>Concentration</b>          | >0.05 ug/uL as determined by microplate BCA method                                                                                            |
| <b>mRNA Refseq-Weblink</b>    | NM_003391                                                                                                                                     |
| <b>Protein Refseq-Weblink</b> | NP_003382                                                                                                                                     |
| <b>Storage Buffer</b>         | 50 mM Tris-HCl, pH 8.0, 8 M urea                                                                                                              |

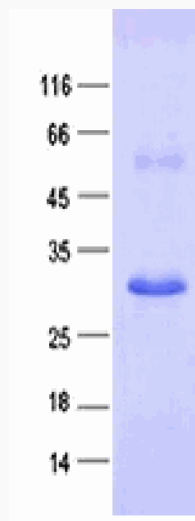
## GENE INFORMATION

|                        |                        |
|------------------------|------------------------|
| <b>Gene Name</b>       | WNT2                   |
| <b>Official Symbol</b> | WNT2                   |
| <b>Synonyms</b>        | INT1L1; IRP            |
| <b>Gene ID</b>         | 7472                   |
| <b>MIM</b>             | <a href="#">147870</a> |

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**SDS-PAGE**

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