

# Recombinant Full Length Human WNT8A Protein, C-Flag-tagged

**Cat. No.** WNT8A-1342HFL    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human WNT8A Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | The WNT gene family consists of structurally related genes which 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, and may be implicated in development of early embryos as well as germ cell tumors. Multiple alternatively spliced transcript variants have been found for this gene. |
| <b>Form</b>             | 25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Molecular Mass</b>   | 38.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>AA Sequence</b>      | <p>MGNLFMLWAALGICCAAFSASAWSVNNFLITGPKAYLTYTTSVALGAQSGIEECKFQ<br/> FAWERWNCPENAL QLSTHNRLRSATRETSFIHAISSAGVMYIITKNCSMGDFENCG<br/> CDGSNNGKTGGHGWIWGGCSDNVEFGE RISKLFVDSLEKGKDARALMNLHNNRA<br/> GRLAVRATMKRTCKCHGISGSCSIQTCWLQLAEFREMGDYLKA KYDQALKIEMDKR<br/> QLRAGNSAEGHWVPAEAFLPsAEAEELIFLEESPDYCTCNSSLGIYGTEGRECLQNSH<br/> NTSRWERRSCGRLCTECGLQVEERKTEVISSCNCKFQWCCTVKCDQCRHVVSKEY</p>                                                                                                  |

 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

|                         |                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | CARSPGSAQSLGKGS<br>ATRTRPLEQKLISEEDLAANDILDYKDDDDKV                                                                                                    |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining.                                                                                           |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.          |
| <b>Storage</b>          | Store at -80 centigrade.                                                                                                                               |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method.                                                                                                      |
| <b>Preparation</b>      | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                                       |
| <b>Protein Families</b> | Cancer stem cells, ES Cell Differentiation/IPS, Induced pluripotent stem cells, Secreted Protein, Stem cell relevant signaling - Wnt Signaling pathway |
| <b>Protein Pathways</b> | Basal cell carcinoma, Hedgehog signaling pathway, Melanogenesis, Pathways in cancer, Wnt signaling pathway                                             |
| <b>Full Length</b>      | Full L.                                                                                                                                                |

## GENE INFORMATION

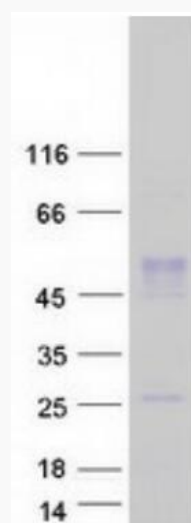
|                        |                                                     |
|------------------------|-----------------------------------------------------|
| <b>Gene Name</b>       | WNT8A Wnt family member 8A [ Homo sapiens (human) ] |
| <b>Official Symbol</b> | WNT8A                                               |
| <b>Synonyms</b>        | WNT8D                                               |

 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

|                |             |
|----------------|-------------|
| Gene ID        | 7478        |
| mRNA Refseq    | NM_058244.4 |
| Protein Refseq | NP_490645.1 |
| MIM            | 606360      |
| UniProt ID     | Q9H1J5      |



Coomassie blue staining of purified WNT8A protein.