

# Recombinant Human WNT11 Protein (Full Length), N-GST and C-His-tagged

**Cat. No.** WNT11-12H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of Human wingless-type MMTV integration site family, member 11 (WNT11), full length, with N-terminal GST and C-terminal His tag, expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Full Length
<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. It encodes a protein which shows 97%, 85%, and 63% amino acid identity with mouse, chicken, and Xenopus Wnt11 protein, respectively. This gene may play roles in the development of skeleton, kidney and lung, and is considered to be a plausible candidate gene for High Bone Mass Syndrome.
<b>Molecular Mass</b>	64.5 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Applications</b>	Cell culture: For culture applications, please filter before use. Note that you may

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experience some loss of protein during the filtration process.

**Stability**

Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**Storage**

Store at -80 centigrade.

**Concentration**

>50 µg/mL as determined by microplate BCA method

**Storage Buffer**

25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol

## GENE INFORMATION

**Gene Name**

WNT11 Wnt family member 11 [ Homo sapiens (human) ]

**Official Symbol**

WNT11

**Synonyms**

WNT11; Wnt family member 11; HWNT11; protein Wnt-11; wingless-type MMTV integration site family, member 11

**Gene ID**

7481

**mRNA Refseq**

NM\_004626

**Protein Refseq**

NP\_004617

**MIM**

603699

**UniProt ID**

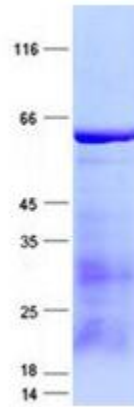
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**SDS-PAGE**



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