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

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	E.coli
ProteinLength	Full Length
Description	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.
Molecular Mass	64.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Applications	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	O96014

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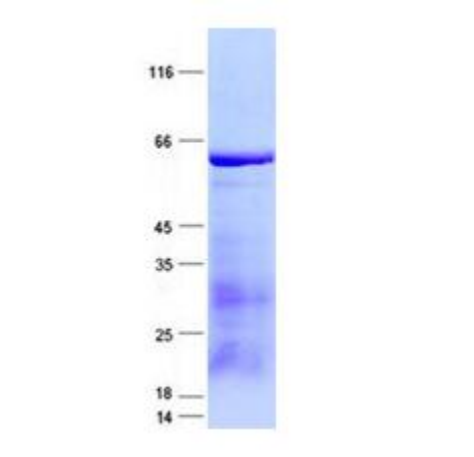
SDS-PAGE	

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