

Active Recombinant Human WNT11 Protein

Cat. No. WNT11-113H Lot. No. (See product label)

SPECIFICATION

Product Overview	The mature recombinant human Wnt-11 protein containing 330aa (I25-K354) without tag was expressed in E. coli.
Species	Human
Source	E.coli
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. [provided by RefSeq, Jul 2008]
Bio-activity	Measured in a cell proliferation/survival assay using IEC-18 rat small intestinal epithelial cells. The ED50 for this effect is 0.6-2.4 µg/mL.
Molecular Mass	36.6 kDa
Product-Related Proteins	25-354
Storage	At -80 centigrade. Avoid repeated freeze-thaw cycles.

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Storage Buffer PBS

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; Names; 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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