

## Active Recombinant Human WNT11

Cat. No. WNT11-553H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human WNT11 (Accession # NP_004617) Ile25-Lys354, fused with , was produced in Chinese Hamster Ovary cell line, CHO-derived.
<b>Species</b>	Human
<b>Source</b>	CHO
<b>ProteinLength</b>	Ile25-Lys354
<b>Predicted N Terminal</b>	Ile25
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS, EDTA and CHAPS with BSA as a carrier protein.
<b>Bio-activity</b>	Measured in a cell proliferation/survival assay using IEC-18 rat small intestinal epithelial cells. The ED50 for this effect is typically 0.6-2.4 µg/mL.
<b>Molecular Mass</b>	Recombinant Human WNT11 has a calculated MW of 36.6 kDa. In SDS-PAGE migrates as 38-40 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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**Reconstitution** Reconstitute at 10 g/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

## GENE INFORMATION

**Gene Name** WNT11 wingless-type MMTV integration site family, member 11 [ Homo sapiens ]

**Official Symbol** WNT11

**Synonyms** HWNT11

**Gene ID** 7481

**mRNA Refseq** NM\_004626.2

**Protein Refseq** NP\_004617.2

**MIM** 603699

**UniProt ID** O96014

**Chromosome Location** 11q13.5

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