

Active Recombinant Human WNT11

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

SPECIFICATION

Product Overview	Recombinant Human WNT11 (Accession # NP_004617) Ile25-Lys354, fused with , was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
ProteinLength	Ile25-Lys354
Predicted N Terminal	Ile25
Form	Lyophilized from a 0.2 µ filtered solution in PBS, EDTA and CHAPS with BSA as a carrier protein.
Bio-activity	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.
Molecular Mass	Recombinant Human WNT11 has a calculated MW of 36.6 kDa. In SDS-PAGE migrates as 38-40 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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 µg/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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