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 μm 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 (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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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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