

Active Recombinant Human WNT10B Protein

Cat. No. WNT10B-112H Lot. No. (See product label)

SPECIFICATION

Product Overview	The mature recombinant human Wnt-10b protein containing 389aa (M1-K389) 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 may be involved in breast cancer, and its protein signaling is likely a molecular switch that governs adipogenesis. This protein is 96% identical to the mouse Wnt10b protein at the amino acid level. This gene is clustered with another family member, WNT1, in the chromosome 12q13 region.
Bio-activity	Measured in a cell proliferation/survival assay using IEC-18 rat small intestinal epithelial cells. The ED50 for this effect is 0.3-1.2 µg/mL.
Molecular Mass	40 kDa
Product-Related Proteins	1-389
Storage	At -80 centigrade. Avoid repeated freeze-thaw cycles.

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Storage Buffer PBS

GENE INFORMATION

Gene Name	WNT10B Wnt family member 10B [Homo sapiens (human)]
Official Symbol	WNT10B
Synonyms	WNT10B; Wnt family member 10B; SHFM6; STHAG8; WNT-12; protein Wnt-10b; Names; WNT-10B protein; wingless-type MMTV integration site family, member 10B
Gene ID	7480
mRNA Refseq	NM_003394
Protein Refseq	NP_003385
MIM	601906
UniProt ID	O00744

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