



# Recombinant Human Protein Wnt-10b (WNT10B)

<b>Product Code</b>	CSB-BP026130HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O00744
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	NE ILGLKLPGEP PLTANTVCLT LSGLSKRQLG LCLRNPDVTA SALQGLHIAV HECQHQLRDQ RWNCSALEGG GRLPHHSAIL KRGFRESAFS FSMLAAGVMH AVATACSLGK LVSCGCGWKG SGEQDRLRAK LLQLQALSRG KSFPHSLPSP GPGSSPSPGP QDTWEWGGCN HDMDFGEKFS RDFLDSREAP RDIQARMRIH NNRVGRQVVT ENLKRKCKCH GTSGSCQFKT CWRAAPEFRA VGAALRERLG RAIFIDTHNR NSGAFQPRLR PRRLSGELVY FEKSPDFCER DPTMGSPGTR GRACNKTSRL LDGCGSLCCG RGHNVLRQTR VERCHCRFW CCYVLCDECK VTEWVNCK
<b>Source</b>	Baculovirus
<b>Target Names</b>	WNT10B
<b>Protein Names</b>	Recommended name: Protein Wnt-10b Alternative name(s): Protein Wnt-12
<b>Expression Region</b>	29-389
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.