



# Recombinant Human Protein Wnt-8b (WNT8B)

<b>Product Code</b>	CSB-EP821894HU-B
<b>Abbreviation</b>	WNT8B
<b>Storage</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.
<b>Uniprot No.</b>	Q93098
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	WSVNNFLM TGPKEYLIYS SSVAAGAQSG IEECKYQFAW DRWNCPERAL QLSSHGGLRS ANRETAHVHA ISSAGVMYTL TRNCSLGDFD NCGCDDSRNG QLGGQGWLWG GCSDNVGFGE AISKQFVDAL ETGQDARAAM NLHNNEAGRK AVKGTMKRTC KCHGVSGSCT TQTCWLQLPE FREVGHLKE KYHAALKVDL LQGAGNSAAG RGAIDTFRS ISTRELVHLE DSPDYCLENK TLGLLGTEGR ECLRRGRALG RWERRSCRRL CGDCGLAVEE RRAETVSSCN CKFHWCCA VR CEQCRRRVTK YFCSRAERPR GGAHKPGRK P
<b>Source</b>	E.coli
<b>Target Names</b>	WNT8B
<b>Protein Names</b>	Recommended name: Protein Wnt-8b
<b>Expression Region</b>	23-351
<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 encodes a protein which shows 95%, 86% and 71% amino acid identity to the mouse, zebrafish and Xenopus Wnt8B proteins, respectively. The expression patterns of the human and mouse genes appear identical and are restricted to the developing brain. The chromosomal location of this gene to 10q24 suggests it as a candidate gene for partial epilepsy.
<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.

### Shelf Life

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