



# Recombinant Mouse Protein Wnt-6 (Wnt6)

<b>Product Code</b>	CSB-EP026140MO-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P22727
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	LWWAVGS PLVMDPTSIC RKARRLAGRQ AELCQAEPEV VAELARGARL GVRECQFQFR FRRWNCSSHS KAFGRVLQQD IRETAFVFAI TAAGASHAVT QACSMGELLQ CGCQAPRGRA PPRPSGLLGT PGPPGPTGSP DASAAWEWGG CGDDVDFGDE KSRLFMDAQH KRGRGDIRAL VQLHNNEAGR LAVRSHTRTE CKCHGLSGSC ALRTCWQKLP PFREVGARLL ERFHGASRVM GTNDGKALLP AVRTLKPPGR ADLLYAADSP DFCAPNRRTG SPGTRGRACN SSAPDLSGCD LLCCGRGHRQ ESVQLEENCL CRFWCCVVQ CHRCRVRKEL SLCL
<b>Source</b>	E.coli
<b>Target Names</b>	Wnt6
<b>Protein Names</b>	Recommended name: Protein Wnt-6
<b>Expression Region</b>	24-364
<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 is overexpressed in cervical cancer cell line and strongly coexpressed with another family member, WNT10A, in colorectal cancer cell line. The gene overexpression may play key roles in carcinogenesis. This gene and the WNT10A gene are clustered in the chromosome 2q35 region. This protein is 97% identical to the mouse Wnt6 protein at the amino acid level.
<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.