



# Recombinant Mouse Wnt inhibitory factor 1 (Wif1)

<b>Product Code</b>	CSB-MP026113MO
<b>Abbreviation</b>	Wif1
<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>	Q9WUA1
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	GQ PPEESLYLWI DAHQARVLIG FEEDILIVSE GKMAPFTHDF RKAQQRMPAI PVNIHSMNFT WQAAGQAEYF YEFLSLRSLD KGIMADPTVN VPLLGTVPHK ASVVQVGFPC LGKQDGVA AF EVNVIVMNSE GNTILRTPQN AIFFKTCQQA ECPGGCRNGG FCNERRVCEC PDGFYGP HCE KALCIPRCMN GGLCVTPGFC ICPPGFYGVN CDKANCSTTC FNGGTCFYPG KCICPPGLEG EQCELSKCPQ PCRNGGKCIG KSKCKCPKGY QGDLSKPV C EPGCGAHGTC HEPNKCQCRE GWHGRHCNKR YGASLMHAPR PAGAGLERHT PSLKKAEDRR DPPE SNIW
<b>Source</b>	Mammalian cell
<b>Target Names</b>	Wif1
<b>Protein Names</b>	Recommended name: Wnt inhibitory factor 1 Short name= WIF-1
<b>Expression Region</b>	29-379
<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>	WNT proteins are extracellular signaling molecules involved in the control of embryonic development. This gene encodes a secreted protein, which binds WNT proteins and inhibits their activities. This protein contains a WNT inhibitory factor (WIF) domain and 5 epidermal growth factor (EGF)-like domains. It may be involved in mesoderm segmentation. This protein is found to be present in fish, amphibia and mammals.
<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.