



Recombinant Mouse Wnt inhibitory factor 1 (Wif1)

Product Code	CSB-EP026113MO-B
Abbreviation	Wif1
Storage	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.
Uniprot No.	Q9WUA1
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	GQ PPEESLYLWI DAHQARVLIG FEEDILIVSE GKMAPFTHDF RKAQQRMPAI PVNIHSMNFT WQAAGQAEYF YEFLSLRSLD KGIMADPTVN VPLLGTVPHK ASVVQVGFPC LGKQDGVAAF EVNVIVMNSE GNTILRTPQN AIFFKTCQQA ECPGGCRNGG FCNERRVCEC PDGFYGPHE KALCIPRCMN GGLCVTPGFC ICPPGFYGVN CDKANCSTTC FNGGTCTFYPG KCICPPGLEG EQCELSKCPQ PCRNGGKCIG KSKCKCPKGY QGDLCSPVC EPGCGAHGTC HEPNKCQCRE GWHGRHCNKR YGASLMHAPR PAGAGLERHT PSLKKAEDRR DPPESNYIW
Source	E.coli
Target Names	Wif1
Protein Names	Recommended name: Wnt inhibitory factor 1 Short name= WIF-1
Expression Region	29-379
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.
Reconstitution	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	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.