



# Recombinant Rat Wnt inhibitory factor 1 (Wif1)

<b>Product Code</b>	CSB-EP026113RA-B
<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>	Q6IN38
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	GQ PPEESLYLWI DAHQARVLIG FEEDILIVSE GKMAPFTHDF RKAQQRMPAI PVNIHSMNFT WQASGQAEYF YEFLSLRSLD KGIMADPTVN VURLGTVPHK ASVVQVGFPC LGKQDGVAAF EVNVIVMNSE GNPILRTPQN AIFFKTCQQA ECPGGCRNGG FCNERRVCEC PDGFYGPHE KALCIPRCMN GGLCVTPGFC ICPPGFYGVN CDKANCSATC FNGGTCFYPG KCICPPGLEG EQCELSKCPQ PCRNGGKCIG KSKCKCPKGY QGDLSKPVC EPGCGAHGTC HEPNKCQCRE GWHGRHCNKR YGASLMHAPR PAGAGLERHT PSLKKAEGRR DPPESENYIW
<b>Source</b>	E.coli
<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.