



# Recombinant Mouse Zinc finger protein ZIC 1 (Zic1)

<b>Product Code</b>	CSB-MP026484MO
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P46684
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MLLDAGPQYP AIGVTTFGAS RHHSAGDVAE RDVGLGINPF ADGMGAFKLN PSSHELASAG QTAFTSQAPG YAAAAALGHH HHPGHVGSYS SAAFNSTRDF LFRNRGFGDA AAAASAQHSL FAASAGGFGG PHGHTDAAGH LLFSLHEQA AGHASPNNVN GQMLRGFSGD MYPRPEQYGQ VTSPRSEHYA APQLHGYGPM NVNMAAHHGA GAFFRYMRQP IKQELICKWI EPEQLANPKK SCNKTFSTMH ELVTHVTVEH VGGPEQSNHI CFWEECPREG KPFKAKYKLV NHIRVHTGEK PFPCFPFGCG KVFARSENLK IHKRTHTGEK PFKCEFEGCD RRFANSSDRK KMHVHTSDK PYLCKMCDKS YTHPSSLRKH MKVHESSSQG SQPSAASSG YESSTPPTIV SPTTDNPTTS SMSPSSSAVH HTAGHSALSS NFNEWYV
<b>Source</b>	Mammalian cell
<b>Target Names</b>	Zic1
<b>Protein Names</b>	Recommended name: Zinc finger protein ZIC 1 Alternative name(s): Zinc finger protein of the cerebellum 1
<b>Expression Region</b>	1-447
<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 protein
<b>Target Details</b>	This gene encodes a member of the ZIC family of C2H2-type zinc finger proteins. Members of this family are important during development. Aberrant expression of this gene is seen in medulloblastoma, a childhood brain tumor. This gene is closely linked to the gene encoding zinc finger protein of the cerebellum 4, a related family member on chromosome 3. This gene encodes a transcription factor that can bind and transactivate the apolipoprotein E gene.
<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

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.