



Recombinant Mouse Zinc finger protein ZIC 1 (Zic1)

Product Code	CSB-EP026484MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P46684
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MLLDAGPQYP AIGVTTFGAS RHHSAGDVAE RDVGLGINPF ADGMGAFKLN PSSHELASAG QTAFTSQAPG YAAAAALGHH HHPGHVGSYS SAAFNSTRDF LFRNRGFGDA AAAASAQHSL FAASAGGFGG PHGHTDAAGH LLFSGLHEQA AGHASPNNVN GQMRLGFSGD MYPRPEQYGQ VTSPRSEHYA APQLHGYGPM NVNMAAHGA GAFFRYMRQP IKQELICKWI EPEQLANPKK SCNKTFSTMH ELVTHVTVEH VGGPEQSNHI CFWEECPREG KPFKAKYKLV NHIRVHTGEK PFPCFPFGCG KVFARSENLK IHKRTHTGEK PFKCEFEGCD RRFANSSDRK KMHVHTSDK PYLCKMCDKS YTHPSSLRKH MKVHESSSQG SQPSAASSG YESSTPPTIV SPTTDNPTTS SMSPSSSAVH HTAGHSALSS NFNEWYV
Source	E.coli
Target Names	Zic1
Protein Names	Recommended name: Zinc finger protein ZIC 1 Alternative name(s): Zinc finger protein of the cerebellum 1
Expression Region	1-447
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 protein
Target Details	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.
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.