



Recombinant Human Zinc finger protein ZIC 4 (ZIC4)

Product Code	CSB-MP850841HU
Abbreviation	ZIC4
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.	Q8N9L1
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MRYKTSLVMR KRLRLYRNTL KESSSSSGHH GPQLTAASSP SVFPGLHEEP PQASPSRPLN GLLRLGLPGD MYARPEPFPP GPAARSDALA AAAALHGYGG MNLTVNLAAP HGPGAFFRYM RQPIKQELIC KWLAADGTAT PSLCSKTFST MHELVTHVTV EHVGGPEQAN HICFWEECPR QGKPFKAKYK LVNHIRVHTG EKPFPCFPFG CGKVFARSEN LKIHKRHTG EKPFRCFEG CERRFANSSD RKKHSHVHTS DKPYTCKVRG CDKCYTHPSS LRKHKMVKHGR SPPPSSGYDS ATPSALVSPS SDCGHKSQVA SSAAVAARTA DLSE
Source	Mammalian cell
Target Names	ZIC4
Protein Names	Recommended name: Zinc finger protein ZIC 4 Alternative name(s): Zinc finger protein of the cerebellum 4
Expression Region	1-334
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, and have been associated with X-linked visceral heterotaxy and holoprosencephaly type 5. This gene is closely linked to the gene encoding zinc finger protein of the cerebellum 1, a related family member on chromosome 3. Heterozygous deletion of these linked genes is involved in Dandy-Walker malformation, which is a congenital cerebellar malformation. Multiple transcript variants have been identified for this 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.

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