



Recombinant Human Zinc finger imprinted 2 (ZIM2)

Product Code	CSB-EP885781HU-B
Abbreviation	ZIM2
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.	Q9NZV7
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MYQPEDDNNNS DVTSDDDMTR NRRESSPPHS VHSFSGDRDW DRRGRSRDME PRDRWSHTRN PRSRMPPRDL SLPVVAKTSF EMDREDDRDS RAYESRSQDA ESYQNVVDLA EDRKPHNTIQ DNMENYRKL SLGFLAQDSV PAEKRNTEML DNLPSAGSQF PDFKHLGTFL VFEELVTFED VLVDFSPEEL SLSAAQRNL YREVMLENYR NLVSLGHQFS KPDIISRLEE EESYAMETDS RHTVICQGES HDDPLEPHQG NQEKLLTPIT MNDPKTLTPE RSYGSDEFER SSNLSKQSKD PLGKDPQEGT APGICTSPQS ASQENKHNRC EFCKRTFSTQ VALRRHERIH TGKKPYECKQ CAEAFYLMPH LNRHQKTHSG RKTSGCNEGR KPSVQCANLC ERVRIHSQED YFECFQCGKA FLQNVHLLQH LKAHEAARVL PPGLSHSKTY LIRYQRKHDY VGERACQCCD CGRVFSRNSY LIQHRTHTQ ERPYQCQLCG KCFGRPSYLT QHYQLHSQEK TVECDHC
Source	E.coli
Target Names	ZIM2
Protein Names	Recommended name: Zinc finger imprinted 2 Alternative name(s): Zinc finger protein 656
Expression Region	1-527
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	In human, ZIM2 and PEG3 (GeneID:5178) are two distinct genes that share a set of 5 exons and have a common promoter, and both genes are paternally expressed (PMID:15203203). Alternative splicing events connect the shared exons either with the remaining 4 exons unique to ZIM2, or with the remaining 2 exons unique to PEG3. This is in contrast to mouse and cow, where ZIM2 and PEG3 genes do not share exons in common, and the imprinting status of ZIM2 is also not conserved amongst mammals. Additional 5 alternatively spliced



transcripts encoding the same protein have been found for the human ZIM2 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

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