Recombinant Mouse DNA-binding protein inhibitor ID-2 (Id2)

Product Code	CSB-EP010967MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P41136
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MKAFSPVRSV RKNSLSDHSL GISRSKTPVD DPMSLLYNMN DCYSKLKELV PSIPQNKKVT KMEILQHVID YILDLQIALD SHPTIVSLHH QRPGQNQASR TPLTTLNTDI SILSLQASEF PSELMSNDSK VLCG
Source	E.coli
Target Names	Id2
Protein Names	Recommended name: DNA-binding protein inhibitor ID-2 Alternative name(s): Inhibitor of DNA binding 2
Expression Region	1-134
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 protein belongs to the inhibitor of DNA binding (ID) family, members of which are transcriptional regulators that contain a helix-loop-helix (HLH) domain but not a basic domain. Members of the ID family inhibit the functions of basic helix-loop-helix transcription factors in a dominant-negative manner by suppressing their heterodimerization partners through the HLH domains. This protein may play a role in negatively regulating cell differentiation. A pseudogene has 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. 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.