Recombinant Mouse Chromobox protein homolog 3 (Cbx3)

Product Code	CSB-EP004599MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P23198
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MASNKTTLQK MGKKQNGKSK KVEEAEPEEF VVEKVLDRRV VNGKVEYFLK WKGFTDADNT WEPEENLDCP ELIEDFLNSQ KAGKEKDGTK RKSLSDSESD DSKSKKKRDA ADKPRGFARG LDPERIIGAT DSSGELMFLM KWKDSDEADL VLAKEANMKC PQIVIAFYEE RLTWHSCPED EAQ
Source	E.coli
Target Names	Cbx3
Protein Names	Recommended name: Chromobox protein homolog 3 Alternative name(s): Heterochromatin protein 1 homolog gamma Short name= HP1 gamma M32 Modifier 2 protein
Expression Region	1-183
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	At the nuclear envelope, the nuclear lamina and heterochromatin are adjacent to the inner nuclear membrane. This protein binds DNA and is a component of heterochromatin. This protein also can bind lamin B receptor, an integral membrane protein found in the inner nuclear membrane. The dual binding functions of the encoded protein may explain the association of heterochromatin with the inner nuclear membrane. Two transcript variants encoding the same protein but differing in the 5 UTR, have been found 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.