



Recombinant Mouse DnaJ homolog subfamily C member 2 (Dnajc2)

Product Code	CSB-YP007027MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P54103
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	LLLPSAAEG QGTAITHALT SASSVCQVEP VGRWFEEAFVK RRNRNASTSF QELEDKKELS EESEDEELQL EEFMPLKTLD PKDWKNQDHY AVLGLGHVRY TATQRQIKAA HKAMVLKHP DKRKAAGEPI KEGDNDYFTC ITKAYEMLSD PVKRRAFNSV DPTFDNSVPS KSEAKDNFFQ VFSPVFERN S RWSNKKNVPK LGD MNSSFED VDAFY SFWYN FDSWREFSYL DEEEKEKAEC RDERKWIEKQ NRATRAQRKK EEMNRIRTLV DNAYSCDPRI KKFKEEEKAK KEAEKKAKAE ARRKEQEAKE KQRQAELEAV RLAKEKEEEE VRQQALLAKK EKDIQKKAIK KERQKLRNSC KSWNHFS DNE ADRVKMMEEV EKLCDRLELA SLQGLNEILA SSTREVGKAA LEKQIEEVNE QMRREKEEAD ARMRQASKNA EKSTGGSGSG SKNWS EDDLQ LLIKAVNLFP AGTNSRWEVI ANYMNIHSSS GVKRTAKDVI SKAKSLQKLD PHQKDDINKK AFDKFKKEHG VASQADSAAP SERFEGPCID STPWTTEEQK LLEQALKTYP VNTPERWEKI AEA VPGRTKK DCMRRYKELV EMVKAKKAAQ EQVLNASRAR K
Source	Yeast
Target Names	Dnajc2
Protein Names	Recommended name: DnaJ homolog subfamily C member 2 Alternative name(s): Mouse Id associate 1 Short name= MIDA1 Zuotin-related factor 1
Expression Region	2-621
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 of Mature Protein
Target Details	This gene is a member of the M-phase phosphoprotein (MPP) family. The gene encodes a phosphoprotein with a J domain and a Myb DNA-binding domain which localizes to both the nucleus and the cytosol. The protein is capable of forming a heterodimeric complex that associates with ribosomes, acting as a molecular chaperone for nascent polypeptide chains as they exit the ribosome. This protein was identified as a leukemia-associated antigen and expression of the gene is upregulated in leukemic blasts. Also, chromosomal aberrations involving this gene are associated with primary head and neck squamous cell tumors. This gene has a pseudogene on chromosome 6. Alternatively spliced



variants which encode different protein isoforms have been described.

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.