



# Recombinant Bovine Calcium-binding and coiled-coil domain-containing protein 2 (CALCOCO2)

<b>Product Code</b>	CSB-YP004437BO
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O18737
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Bos taurus (Bovine)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MEETVDDPPT SAVLLDHCHF SQVIFNSVEK FYIPGGDITC YYTLTQHFIP RRKDWIGIFR VGWKTREYY TFMWVTL PVD LNSESAKQQE VQFKAYYLPK DDEYYQFCYV DQDGVVRGAS IPFQFRPENE EDILVVTTQS EEEEEQH NK ELCKENRELK DSCVSLQKQN SDMQATLQKK QEELETLSI NKKLEQTMKE QKDCWEIELL QLKEQNQKMS SENEKMGVRV DQLQAQLSNQ GREMEKLVQG VQDKTEQLEH LKEENGQLFL SLTEQREHQK KLEQTVEEMK QKETTAAKKQ QELTDQNMDL SKRLSEN MII HDVLQREKEK MEKENDYLKR ENRLLSYMG LDCDSL SYQV PTSNQQGGTRQ DPGLVFGNPY SGIQESSAPS LLSIKKCPTC KSDFAADVFD HNLALQHLQ TSLNCPICD KTFPAKEKQI FEDHVFCHTL
<b>Source</b>	Yeast
<b>Target Names</b>	CALCOCO2
<b>Protein Names</b>	Recommended name: Calcium-binding and coiled-coil domain-containing protein 2 Alternative name(s): Nuclear domain 10 protein NDP52 Short name= Nuclear domain 10 protein 52
<b>Expression Region</b>	1-450
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	This protein is a subunit of nuclear domain 10 (ND10) bodies. ND10 bodies are nuclear domains appearing immunohistochemically as ten dots per nucleus. They are believed to be associated with the nuclear matrix on the basis of their resistance to nuclease digestion and salt extraction. ND10 proteins are removed from the nucleus by herpes simplex virus-1 infection and may have a role in viral life cycles.
<b>Reconstitution</b>	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.