



Recombinant Human Adenylyl cyclase-associated protein 2 (CAP2)

Product Code	CSB-BP004487HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P40123
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	ANMQGLVER LERAVSRLES LSAESHRPPG NCGEVNGVIA GVAPSVEAFD KLMDSMVAEF LKNSRILAGD VETHAEMVHS AFQAQRAFLL MASQYQQPHE NDVAALLKPI SEKIQEIQTF RERNRGSNMF NHLSAVSESI PALGWIAVSP KPGPYVKEMN DAATFYTNRV LKDYKHSDLR HVDWVKSYLEN IWSELQAYIK EHHTTGLTWS KTGPVASTVS AFSVLSSGPG LPPPPPPLPP PGPPPLFENE GKKEESSPSR SALFAQLNQG EAITKGLRHV TDDQKTYKNP SLRAQGGQTQ SPTKSHTPSP TSPKSYPSQK HAPVLELEGK KWRVEYQEDR NDLVISETEL KQVAYIFKCE KSTIQIKGKV NSIIDNCKK LGLVFDNVVG IVEVINSQDI QIQVMGRVPT ISINKTEGCH IYLS DALDC EIVSAKSSEM NILIPQDGDY REFPIPEQFK TAWDGSKLIT EPAEIMA
Source	Baculovirus
Target Names	CAP2
Protein Names	Recommended name: Adenylyl cyclase-associated protein 2 Short name= CAP 2
Expression Region	2-477
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 was identified by its similarity to the gene for human adenylyl cyclase-associated protein. The function of This protein is unknown. However, the protein appears to be able to interact with adenylyl cyclase-associated protein and actin.
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.