



# Recombinant Human Adenylyl cyclase-associated protein 2 (CAP2)

<b>Product Code</b>	CSB-BP004487HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P40123
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	ANMQGLVER LERAVSRLES LSAESHRPPG NCGEVNGVIA GVAPSVEAFD KLMDSMVAEF LKNSRILAGD VETHAEMVHS AFQAQRAFL MASQYQQPHE NDVAALLKPI SEKIQEIQTF RERNRGSNMF NHL SAVSESI PALGWIAVSP KPGPYVKEMN DAATFYTNRV LKDYKHSDLR HVDWVKSYLN IWSELQAYIK EHHTTGLTWS KTGPVASTVS AFSVLSSGPG LPPPPPPLPP GPPPLFENE GKKEESSPSR SALFAQLNQG EAITKGLRHV TDDQKTYKNP SLRAQGGQTQ SPTKSHTPSP TSPKSYPSQK HAPVLELEGK KWRVEYQEDR NDLVISETEL KQVAYIFKCE KSTIQIKGKV NSIIDNCKK LGLVFDNVVG IVEVINSQDI QIQVMGRVPT ISINKTEGCH IYLS DALDC EIVSAKSSEM NILIPQDGDY REFPIPEQFK TAWDGSKLIT EPAEIMA
<b>Source</b>	Baculovirus
<b>Target Names</b>	CAP2
<b>Protein Names</b>	Recommended name: Adenylyl cyclase-associated protein 2 Short name= CAP 2
<b>Expression Region</b>	2-477
<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 of Mature Protein
<b>Target Details</b>	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.
<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.
<b>Shelf Life</b>	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.