

Recombinant Adenylyl Cyclase Associated Protein 2 (CAP2) Instruction Manual

SIPC894Hu02

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane
Predicted Molecular Mass	59.5kDa
Accurate Molecular Mass	60kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Ala477 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 80%
Isoelectric Point	6.0
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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MANMQGLVER LERAVSRLES LSAESHRPPG NCGEVNGVIA GVAPSVEAFD  
KLMDSMVAEF LKNSRILAGD VETHAEMVHS AFQAQRAFLI MASQYQQPHE  
NDVAALLKPI SEKIQEIQTF RERNRGSNMF NHL SAVSESI PALGWI AVSP  
KPGPYVKEMN DAATFYTNRV LKDYKHSDLR HVDWVKS YLN IWSELQAYIK  
EHHTTG LTWS KTGPVASTVS AFSVLSSGPG LPPPPPPLPP PGPPPLFENE  
GKKEESSPSR SALFAQLNQG EAITKGLRHV TDDQKTYKNP SLRAQGGQTQ  
SPTKSHTPSP TSPKSYPSQK HAPVLELEGK KWRVEYQEDR NDLVISETEL  
KQVAYIFKCE KSTIQIKGKV NSIIDNCKK LGLVFDNVVG IVEVINSQDI  
QIQVMGRVPT ISINKTEGCH IYLSEDALDC EIVSAKSSEM NILIPQDGDY  
REFPIPEQFK TAWDGSKLIT EPAEIMA
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USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

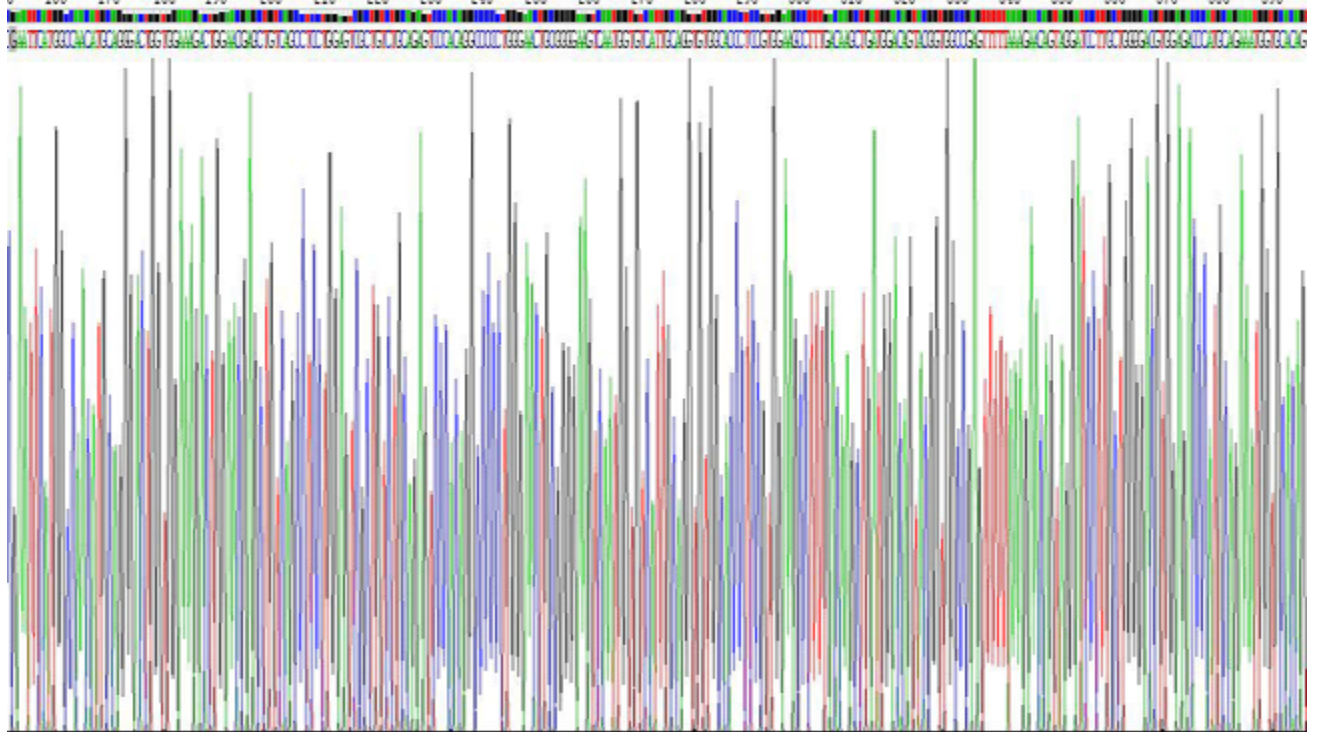
STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image



SDS-PAGE Image

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.