RPD073Hu01 50µg
Recombinant Carbonic Anhydrase VI (CA6)
Organism Species: Homo sapiens (Human)

Instruction manual

FOR RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)
[ PROPERTIES ]

Source: Prokaryotic expression
Host: E.coli
Residues: Gln18~Asn308
Tags: N-terminal His and GST Tag
Subcellular Location: Secreted
Purity: > 90%
Traits: Freeze-dried powder
Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Original Concentration: 200µg/mL
Applications: Positive Control; Immunogen; SDS-PAGE; WB.
(May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point: 6.4
Predicted Molecular Mass: 63.8kDa
Accurate Molecular Mass: 66kDa as determined by SDS-PAGE reducing conditions.

[ USAGE ]

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

[ STORAGE AND STABILITY ]

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

Stability Test: 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.

[ SEQUENCE ]
[IDENTIFICATION]

QHV SDWTYSEGAL DEAHPQHPY ACGGQRPQSPI
NLQRTKVRYN PSLKGLNMTG YETQAGEFPM VNNGHTQIS LPSTMRTMTVA
DTGTVIAQQM HFWGGASSE ISGEHTVDG IRHVIEIHIV HYNSKYKSYD
IAQDAPDGLA VLAAFVEVKN YPINTYYSNF ISHLANIYP QRTTLTGLD
VQDMLPRNLQ HYTYHGSLT TPPCTENVWH FVLADFKLSS RTQWKLENS
LDHRNKTIIH NDYRTQPLN HRVFSNFPN QEYTLGSEFQ FYLHKIEEIL
DYLRRALN

[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.