SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Recombinant Carbonic Anhydrase VI (CA6)

Catalog Number: SIPD047Hu01 **Spec: 10ug**

Product Name	Recombinant Carbonic Anhydrase VI (CA6)
Catalog Number	SIPD047Hu01
Organism Species	Human
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% Sarcosyl, 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 2-8ºC for one month.

Aliquot and store at -80ºC 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]

QHV SDWTYSEGAL DEAHWPQHYP ACGGQRQSPI
NLQRTKVRYN PSLKGLNMTG YETQAGEFPM VNNGHTVQIS LPSTMRMTVA
DGTVYIAQQM HFHWGGASSE ISGSEHTVDG IRHVIEIHIV HYNSKYKSYD
IAQDAPDGLA VLAAFVEVKN YPENTYYSNF ISHLANIKYP GQRTTLTGLD
VQDMLPRNLQ HYYTYHGSLT TPPCTENVHW FVLADFVKLS RTQVWKLENS
LLDHRNKTIH NDYRRTQPLN HRVVESNFPN QEYTLGSEFQ FYLHKIEEIL
DYLRRALN

[IDENTIFICATION]

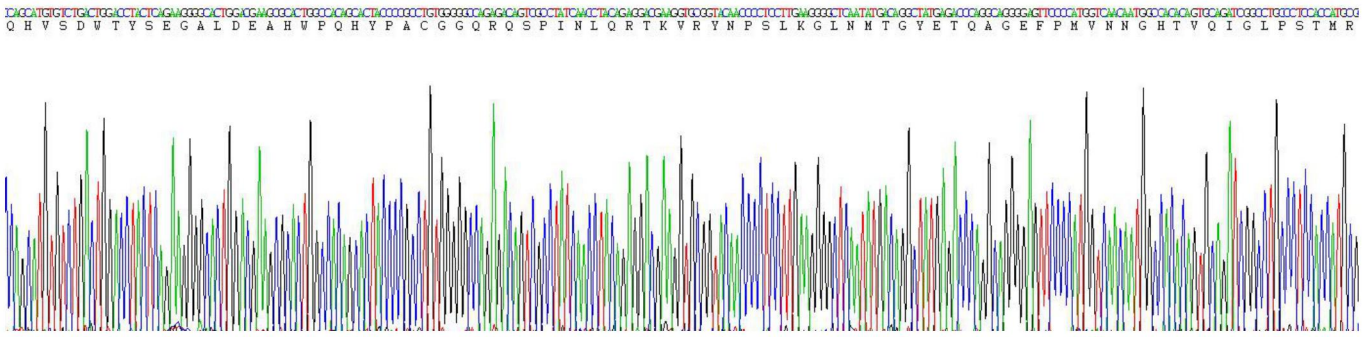

Figure. Gene Sequencing (Extract)

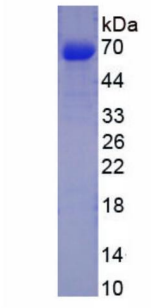

Figure. SDS-PAGE

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[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.