SunLong Biotech Co.,LTD
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Recombinant Cytochrome C Oxidase Subunit II (COX2)

Catalog Number: SIPD531Ra01 **Spec: 200ug**

Product Name	Recombinant Cytochrome C Oxidase Subunit II (COX2)
Catalog Number	SIPD531Ra01
Organism Species	Rat
Source	Prokaryotic expression
Host	E.coli
Residues	Ile83~Ile227
Tags	N-terminal His Tag
Subcellular Location	Mitochondrion
Purity	> 90%
Traits	Freeze-dried powder
Buffer formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.
Original Concentration	350μg/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	4.3
Predicted Molecular Mass	20.4kDa
Accurate Molecular Mass	22kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH2O to a concentration of 0.1-0.25 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

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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]

ILYMMDEI NNPVLTVKTM
GHQWYWSYEY TDYEDLCFDS YMIPTNDLKP GELRLLEVDN RVVLPMELPI
RMLISSEDVL HSWAVPSLGL KTDAIPGRLN QATVTSNRPG LFYGQCSEIC
GSNHSFMPIV LEMVPLKYFE NWSASMI

[IDENTIFICATION]

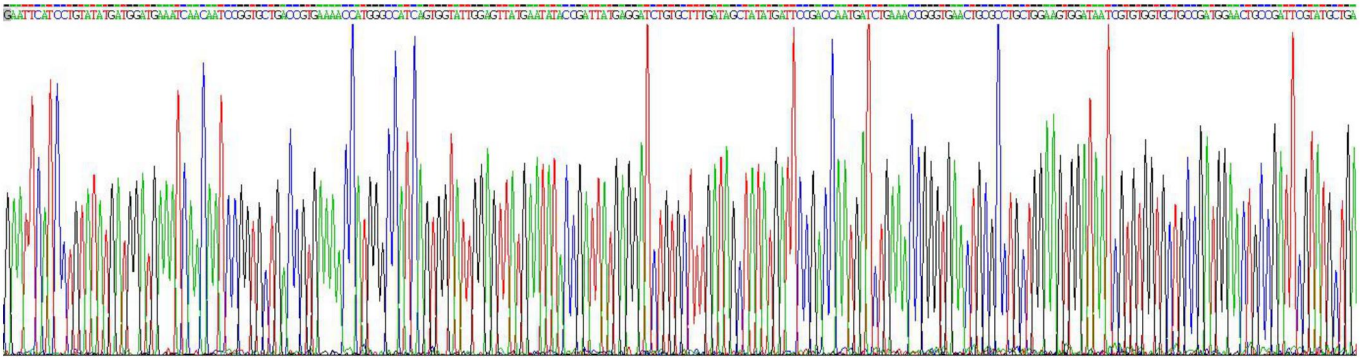


Figure . Gene Sequencing (extract)

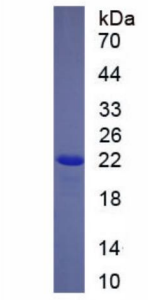


Figure. SDS-PAGE

[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.