SunLong Biotech Co.,LTD
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# Recombinant NADPH Oxidase 4 (NOX4)

**Catalog Number: SIPB485Mu01** **Spec: 10ug**

| | |
|---|---|
| **Product Name** | Recombinant NADPH Oxidase 4 (NOX4) |
| **Catalog Number** | SIPB485Mu01 |
| **Organism Species** | Mouse |
| **Source** | Prokaryotic expression |
| **Host** | E.coli |
| **Residues** | Gly210~Ser578 |
| **Tags** | N-terminal His Tag |
| **Subcellular Location** | Membrane, Endoplasmic reticulum lumen |
| **Purity** | > 80% |
| **Traits** | Freeze-dried powder |
| **Buffer formulation** | PBS, pH7.4, containing 0.01% SKL, 5% Trehalose . |
| **Original Concentration** | 150μg/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** | 8.7 |
| **Predicted Molecular Mass** | 46.7kDa |
| **Accurate Molecular Mass** | 43kDa as determined by SDS-PAGE reducing conditions. |

**[ USAGE ]**

Reconstitute in 10mM PBS (pH7.4) 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 ]**

G GLLKYQTNVD THPPGCISLN QTSSQNMSIP DYVSEHFHGS
LPRGFSKLED RYQKTLVKIC LEEPKFQAHF PQTWIWISGP LCLYCAERLY
RCIRSNKPVT IISVINHPSD VMELRMIKEN FKARPGQYII LHCPSVSALE
NHPFTLTMCP TETKATFGVH FKVVGDWTER FRDLLLPPSS QDSEILPFIH
SRNYPKLYID GPFGSPFEES LNYEVSLCVA GGIGVTPFAS ILNTLLDDWK
PYKLRRLYFI WVCRDIQSFQ WFADLLCVLH NKFWQENRPD FVNIQLYLSQ
TDGIQKIIGE KYHTLNSRLF IGRPRWKLLF DEIAKCNRGK TVGVFCCGPS
SISKTLHSLS NRNNSYGTKF EYNKESFS

**[ IDENTIFICATION ]**

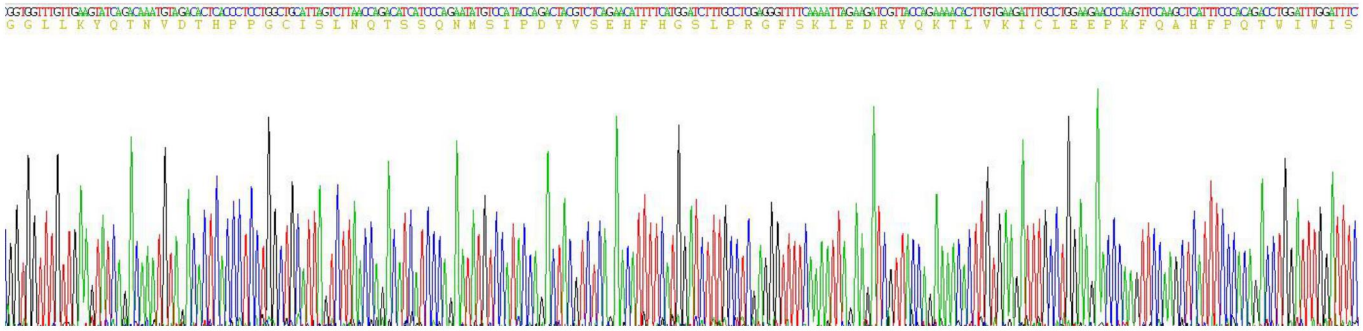


Figure. Gene Sequencing (Extract)

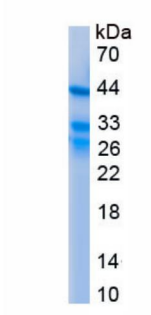



Figure. SDS-PAGE

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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.