

RPP549Ra01 50µg Recombinant Wingless Type MMTV Integration Site Family, Member 5A (WNT5A) Organism Species: *Rattus norvegicus (Rat)* Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

# Cond-Clone Corp.

### [PROPERTIES]

Source: Prokaryotic expression

Host: E.coli

Residues: Ile62~Lys380

Tags: N-terminal His Tag

Subcellular Location: Secreted, Extracellular matrix

**Purity:** > 97%

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: 8.8

Predicted Molecular Mass: 39.5kDa

Accurate Molecular Mass: 40kDa as determined by SDS-PAGE reducing conditions.

#### [<u>USAGE</u>]

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.

#### [ <u>SEQUENCE</u> ]

## Cond-Clone Corp.

IIGAQPLCS QLAGLSQGQK KLCHLYQDHM QYIGEGAKTG IKECQYQFRH RRWNCSTVDN TSVFGRVMQI GSRETAFTYA VSAAGVVNAM SRACREGELS TCGCSRAARP KDLPRDWLWG GCGDNIDYGY RFAKEFVDAR ERERIHAKGS YESARILMNL HNNEAGRRTV YNLADVACKC HGVSGSCSLK TCWLQLADFR KVGDALKEKY DSAAAMRLNS RGKLVQVNSR FNSPTTQDLV YIDPSPDYCV RNESTGSLGT QGRLCNKTSE GMDGCELMCC GRGYDQFKTV QTERCHCKFH WCCYVKCKKC TEIVDQFVCK

## [IDENTIFICATION]

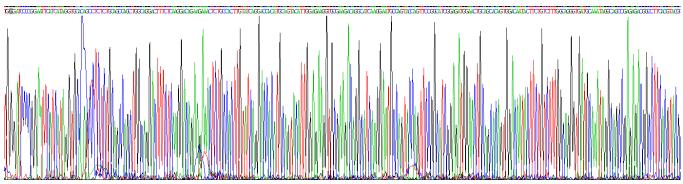


Figure . Gene Sequencing (extract)

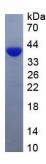


Figure. SDS-PAGE

#### [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.