

ICR549Mu01 50µg
Recombinant Wingless Type MMTV Integration Site Family, Member 5A (WNT5A)
Organism Species: Mus musculus (Mouse)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[**PROPERTIES**]

Source: Prokaryotic expression.

Host: *E. coli*

Residues: Ile62~Lys380

Tags: N-terminal GST-tag

Tissue Specificity: Cerebellum.

Subcellular Location: Secreted, extracellular space, extracellular matrix.

Purity: >95%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.

Original Concentration: 200ug/mL

Applications: SDS-PAGE; WB; ELISA; IP; CoIP; Reporter Assays; Purification; Amine Reactive Labeling.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 8.8

Predicted Molecular Mass: 61.8kDa

Accurate Molecular Mass: 62kDa 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]

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                I IGAQPLCS  QLAGLSQGQK  KLCHLYQDHM  QYIGEGAKTG
IKECQYQFRH  RRWNCSTVDN  TSVFGRVMQI  GSRETAFTYA  VSAAGVNNAM
SRACREGELS  TCGCSRAARP  KDLPRDWLWG  GCGDNIDYGY  RFAKEFVDAR
ERERIHAKGS  YESARILMNL  HNNEAGRRTV  YNLADVACKC  HGVSGSCSLK
TCWLQLADFR  KVGDALKEY   DSAAAMLNS   RGKLVQVNSR  FNSPTTQDLV
YIDPSPDYCV  RNESTGSLGT  QGRLCNKTSE  GMDGCELMCC  GRGYDQFKTV
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[IDENTIFICATION]

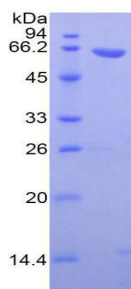
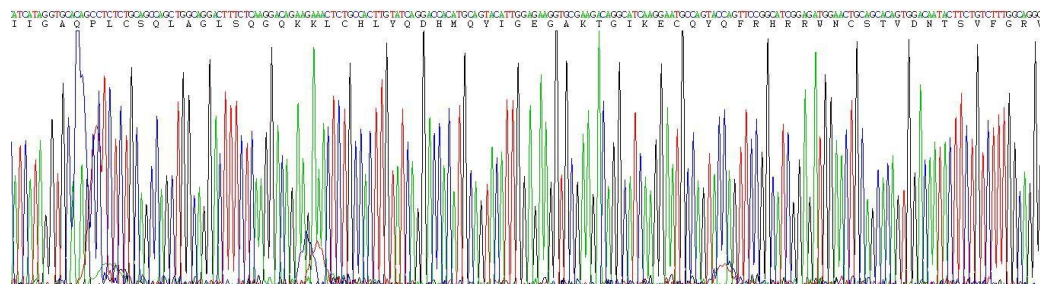


Figure 1. Gene Sequencing (Extract)

Figure 2. SDS-PAGE