

RPP122Hu01 50µg

Recombinant Wingless Type MMTV Integration Site Family, Member 5B (WNT5B)

Organism Species: *Homo sapiens* (Human)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Gln18~Lys359

Tags: N-terminal His and GST Tag

Subcellular Location: Secreted, Extracellular matrix

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: 100mMNaHCO₃, 500mMNaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 120µg/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: 68.5kDa

Accurate Molecular Mass: 69kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-0.5 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]

QLL TDANSWWSLA LNPVQRPEMF IIGAQPVCSSQ
LPGLSPGQRK LCQLYQEHMA YIGEGAKTGI KECQHQRQR RWNCSTADNA
SVFGRVMQIG SRETAFTHAV SAAGVVNAIS RACREGELST CGCSRTARPK
DLPRDWLWGG CGDNVEYGYR FAKEFVDARE REKNFAKGSE EQGRVLMNLQ
NNEAGRRAVY KMADVACKCH GVSGSCSLKT CWLQLAEFRK VGDRLKEKYD
SAAAMRVTRK GRLELVNSRF TQPTPEDLVY VDPSPDYCLR NESTGSLGTQ
GRLCNKTSEG MDGCELMCCG RGYNQFKSVQ VERCHCKFHW CCFVRCKKCT
EIVDQYICK

[IDENTIFICATION]

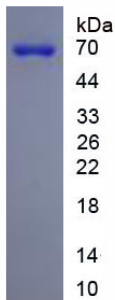


Figure. SDS-PAGE

[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.