

RPC872Hu01 100µg

Recombinant Stabilin 1 (STAB1)

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: Tyr356~Ser665

Tags: His and TrxA Taq

Subcellular Location: Membrane

Purity: > 80%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 500µg/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: 8.9

Predicted Molecular Mass: 54.7kDa

Accurate Molecular Mass: 55kDa 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 2-8°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]

YGHLL HEVQKATQTG RVFLQLRVAV AMMDQGCRIE LTTAGPFTVL
VPSVSSFSSR TMNASLAQQL CRQHIIAGQH ILEDTRTQQT RRWWTLAGQE
ITVTFNQFTK YSYKYKDQPQ QTFNIYKANN IAANGVFHVV TGLRWQAPSG
TPGDPKRTIG QILASTEAFS RFETILENCG LPSILDGPGP FTVFAPSNEA
VDSL RDGRLI YLFTAGLSKL QELVRYHIYN HGQLTVEKLI SKGRILTMAN
QVLAVNISEE GRILLGPEGV PLQRVDVMAA NGVIHMLDGI LLPPTILPIL
PKHCSEEQHK IVAGS

[IDENTIFICATION]

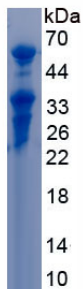


Figure. SDS-PAGE

[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.