

RPB250Mu01 100ug

Recombinant Cluster Of Differentiation 73 (CD73)

Organism Species: *Mus musculus* (Mouse)

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: Trp29~phe550

Tags: N-terminal His Tag

Subcellular Location: Membrane

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, 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: 6.0

Predicted Molecular Mass: 59.5kDa

Accurate Molecular Mass: 59kDa 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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                                     WE LTIHTNDVH SRLEQTSDDS
TKCLNASLCV GGVARLFTKV QQIRKEEPNV LFLDAGDQYQ GTIWFTVYKG
LEVAHFMMNIL GYDAMALGNH EFDNGVEGLI DPLLRNVKFP ILSANIKARG
PLAHQISGLF LPSKVLSVGG EVVGIVGYTS KETPFLSNPG TNLVFEDEIS
ALQPEVDKLL TLNVNKIIAL GHSGFEMDKL IAQKVRGVDI VVGHSNTFL
YTGNNPSKEV PAGKYPIFIVT ADDGRQVPVQ QAYAFGKYLQ YLKVEFDDKG
NVITSYGNPI LLNSSIPEDA TIKADINQWR IKLDNYSTQE LGRTIVYLDG
STQTCRFREC NMGNLICDAM INNNLRHPDE MFWNHVSMCI VNGGGIRSPI
DEKNNGTITW ENLAAVLPFG GTFDLVQLKG STLKKAHEHS VHRYGQSTGE
FLQVGGIHVV YDINRKPWNR VVQLEVLCTK CRVPIYEPLQ MDKVYKVTLP
SYLANGGDGF QMIKDELLKH DSGDQDISV SEYISKMKVV YPAVEGRIKF

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[IDENTIFICATION]

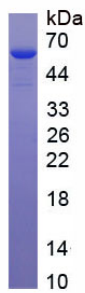


Figure. SDS-PAGE

[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.