RPB250Bo01 10μg

Recombinant Cluster Of Differentiation 73 (CD73)

Organism Species: *Bos taurus; Bovine (Cattle)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Ser48~Val527

Tags: N-terminal His Tag

Subcellular Location: Membrane

Purity: > 95%

Traits: Freeze-dried powder

Buffer formulation: 100mMNaHCO$_3$, 500mMNaCl, pH8.3, 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: 6.7

Predicted Molecular Mass: 56.4kDa

Accurate Molecular Mass: 56kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 100mM NaHCO$_3$, 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC 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.
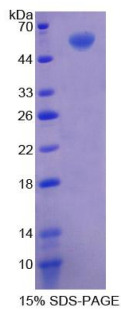
[SEQUENCE]

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                                                                    SSK
CVNASRCVGG  VARLATKVHQ  IRRAEPHVLL  LDAGDQYQGT  IWFTVYKGTE
VAHFMNALGY  DAMALGNHEF  DNGVEGLIDP  LLKEVNFPIL  SANIKAKGPL
ASKISGLYSP  YKILTVGDEV  VGIVGYTSKE  TPFLSNPGTN  LVFEDEITAL
QPEVDKLKTL  NVNKIIALGH  SGFEVDKLIA  QKVKGVDVVV  GGHSNTFLYT
GNPPSKEVPA  GQYPFIVTSD  DGRKVPVVQA  YAFGKYLGYL  KVEFDEKGNV
VTSHGNPILL  NSSIPEDPNI  KADINKWRVK  LDNYSTQELG  KTIVYLDGTA
QSCRFRECNM  GNLICDAMIN  NNLRHPDEMS  WNHVSMCILN  GGGIRSPIDE
RNNGTITWEN  LAAVLPFGGT  FDLVQLKGST  LKKAFEHSVH  RYGQATGEFL
QVGGIHVVYD  ISRNPGDRVV  KLEVLCTQCR  VPSYEPLRMD  KVYKVILPSF
LVSGGDGFQM  IKDEKIKHDS  GDQDINV
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[IDENTIFICATION]

15% 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.