

RPM011Hu01 100 µg

Recombinant Peptidase D (PEPD)

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: Ala2~Lys493

Tags: N-terminal His Tag

Subcellular Location: Extracellular matrix

Purity: > 97%

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: 5.64

Predicted Molecular Mass: 58.1kDa

Accurate Molecular Mass: 58kDa 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.

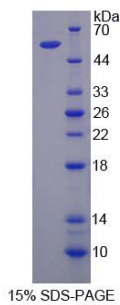
Aliquot and store at -80°C for 12 months.

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]

AAATGPSFW LGNETLKVPL ALFALNRQRL CERLRKNPAV QAGSIVVLQG
GEETQRYCTD TGVLFQRQESF FHWAFCVTEP GCYGVIVDVT GKSTLFPRL
PASHATWMGK IHSKEHFKEK YAVDDVQYVD EIASVLTSQK PSVLLTLRGV
NTDSGSVCRE ASFDGISKFE VNNTILHPEI VECRVFKTDM ELEVLRNTK
ISSEAHREVM KAVKVGKKEY ELESLEFYHC YSRGGMHRSS YTCICGSGEN
SAVLHYGHAG APNDRTIQNG DMCLFDMGGE YYCFASDITC SFPANGKFTA
DQKAVYEAVL RSSRAVMGAM KPGVWWPDMH RLADRIHLEE LAHMGILSGS
VDAMVQAHLG AVFMPHGLGH FLGIDVHVDG GYPEGVERID EPGLRSLRTA
RHLQPGMVLV VEPGIYFIDH LLDEALADPA RASFLNREVL QRFRGFGGVR
IEEDVVVWTDG GIELLTCVPR TVEEIEACMA GCDKAFTPFS GPK

[IDENTIFICATION]



[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.