

RPE542Hu01 100µg

Recombinant Cell Adhesion Molecule 2 (CADM2)

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: Gln25~Ile435

Tags: N-terminal His Tag

Subcellular Location: Cell Membrane; Single-pass Type I Membrane Protein

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: 5.0

Predicted Molecular Mass: 48.6kDa

Accurate Molecular Mass: 49kDa 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.

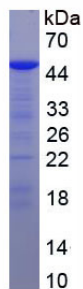
Aliquot and store at -80°C for 12 months.

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]

QFPLTQ NVTWVEGGTA ILTCRVDQND
NTSLQWSNP AQQTLYFDDK KALRDNRIEL VRASWHELSE SVSDVSLSD E G
QYTCSLFT MPVKTSKAYL TVLGVPKPKQ ISGFSSPVME GDLMQLTCKT SG
SKPAADI RWFKNDEIK DVKYLKEEDA NRKTFTVSST LDFRVDRSDD GVA
VICRVD HESLNATPQV AMQVLEIHYT PSVKIIPSTP FPQEGQPLIL TCES
KGKPL PEPVLWTKDG GELPDPRMV VSGRELNILF LNKTNGTYR CEATN
TIGQ SSAEYVLIVH DVPNTLLPTT IIPSLTTATV TTTVAITTS TTSATT
SSI RDPNALAGQN GPDHALIGGI VAVVVFVTL SIFLLGRYLA RHKGTYL
TN EAKGAEDAPD ADTAIINAEG SQVNAEEKKE YFI

[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.