

RPK205Ra01 10µg

Recombinant A Disintegrin And Metalloproteinase With Thrombospondin 5 (ADAMTS5)

Organism Species: *Rattus norvegicus* (Rat)

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: Arg267~Asn622

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 97%

Traits: Freeze-dried powder

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

Original Concentration: 800µg/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: 7.3

Predicted Molecular Mass: 42.9kDa

Accurate Molecular Mass: 43kDa 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]

RQVE LLLVADSSMA KMYGRGLQHY LLTLASIANR
 LYSHASIENH IRLAVVKVVV LTDKSLEVSK NAATTLKNFC KWQHQNQLG
 DDHEEHYDAA ILFTREDLCG HHSCDTLGMA DVGITCSPER SCAVIEDDGL
 HAAFTVAHEI GHLLGLSHDD SKFCEENFGS TEDKRLMSSI LTSIDASKPW
 SKCTSATITE FLDDGHGNCL LDVPRKQILG PEELPGQTYD ATQQCNLTFG
 PEYSVCPGMD VCARLWCAVV RQGQMVCLTK KLPAVEGTPC GKGRICLQ GK
 CVDKTKKKYY STSSHGNGWS WGPWQCSRS CGGGVQFAYR HCNNPAPRNS
 GRYCTGKRAI YRSCSVIPCP PN

[IDENTIFICATION]

TTGGATCCGAATTCGGCCAGGTGGAGCTCTCTTGGTGGCTGACTCTTCATGGCCAGATGATGGGCGGGGCTGCAGCATTACCTGCTGACDCTGGCTCTATTGCAACCGGCTGTACAGTCAATGCAAGCATGAGAACACATCCGCTGGCCGTAGTGAAGTGGTGGTCTGACCGACAGAGTCTGGAGGTGAGCAAGAAC

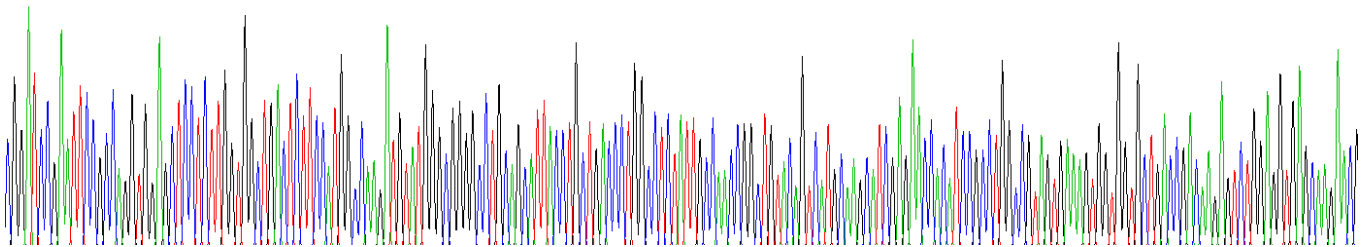
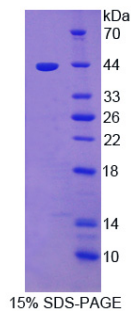


Figure . Gene Sequencing (extract)



[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.