

EPA766Hu61 100µg

Eukaryotic A Disintegrin And Metalloprotease 10 (ADAM10)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Eukaryotic expression

Host: CHO Cell

Residues: Thr214~Glu672

Tags: N-terminal His Tag

Subcellular Location: Membrane

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

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: 6.2

Predicted Molecular Mass: 52.2kDa

Accurate Molecular Mass: 52kDa 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]

TTSAEKN TCQLYIQTDH LFFKYYGTRE AVIAQISSHV
 KAIDTIYQTT DFSGIRNISF MVKRIRINTT ADEKDPTNPF RFPNIGVEKF
 LELNSEQNHD DYCLAYVFTD RDFDDGVLGL AWVGAPSGSS GGICEKSKLY
 SDGKKKSLNT GIITVQNYGS HVPPKVSHIT FAHEVGHNFG SPHDSGTECT
 PGESKNLGQK ENGNVIMYAR ATSGDKLNNN KFSLCSIRNI SQVLEKRRNN
 CFVESGQPIC GNGMVEQGEE CDCGYSDQCK DECCFDANQP EGRKCKLKPG
 KQCSPSQGPC CTAQCAFKSK SEKCRDSDC AREGICNGFT ALCPASDPKP
 NFTDCNRHTQ VCINGQCAGS ICEKYGLEEC TCASSDGKDD KELCHVCCMK
 KMDPSTCAST GSVQWSRHFS GRTITLQPGS PCNDFRGYCD VFMRCRLVDA
 DGPLARLKKA IFSPELYENI AE

[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.