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YBA785Hu01 500 μ g

Recombinant Kidney Injury Molecule 1 (Kim1)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan, 2014)

[PROPERTIES]

Residues: Ser21~Ala240 linked with DSSTTTTTT

TN

Tags: N-terminal GST-tag

Accession: Q96D42

Host: *E. coli*

Subcellular Location: Membrane; Single-pass type I
membrane protein.

Purity: >95%

Endotoxin Level: <1.0EU per 1 μ g (determined by the LAL
method).

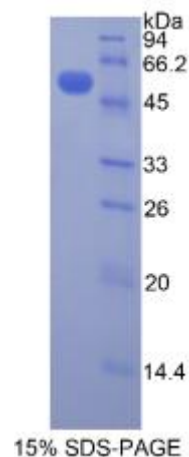
Formulation: Supplied as lyophilized form in
PBS, pH7.4, containing 1mM DTT, 5% trehalose,
0.01% sarcosyl and preservative.

Predicted isoelectric point: 7.1

Predicted Molecular Mass:

55.1kDa

Applications: SDS-PAGE; WB; ELISA; IP.





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(May be suitable for use in other assays to be determined by the end user.)

[USAGE]

Reconstitute in sterile PBS, pH7.2-pH7.4.

[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 of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The sequence of the target protein is listed below.

SVKVGGEAGP SVILPCHYSG AVTSMCWNRG SCSLFTCQNG IWWTNGTHVT YRKDTRYKLL
GDLSRRDVSL TIENTAVSDS GYCCRVEHR GWFNDMKITV SLEIVPPKVT TPIVTTVPT
VTTVRTSTTV PTTTTVPTTT VPTTMSIPTT TTVLTTMTVS TTTSVPTTTS IPTTTSVPVT
TTVSTFVPPM PLPRQNHPEV ATSPSSQPA ETHPTTLQGA

[REFERENCES]

1. Chen J.P., *et al.* (2012) *J Asthma* 49:697-702.
2. Peralta C.A., *et al.* (2012) *Am. J. Kidney Dis.* 60:904-911.
3. Ohtani H., *et al.* (2012) *Immunogenetics* 64:669-678.
4. Barrera-Chimal J., Bobadilla N.A. (2012) *Biomarkers* 17:385-393.