

Recombinant Kidney Injury Molecule 1 (Kim1)

Catalog No.: TP09087

50µg

Sequence Information

Species: Mouse

Gene ID:171283

Swiss Prot:Q5QNS5

Synonyms:HAVCR1; TIM1; TIMD1; HAVCR;

Hepatitis A Virus Cellular Receptor 1; T

Cell Immunoglobulin And Mucin

Domain-Containing Protein 1; T-cell

immunoglobulin mucin receptor 1

Residues:Tyr22~Gly237

YVEVKGVVGHPTLPCTYSTYRGITTTTCWGRGQCPSSACQNTLIWTNGHRVTYQ

KSSRYNLKGHISEGDVSLTIENSVESDSGLYCCRVEIPGWFNDDQKVTFSLQVKP

EIPTRPPTRPPTTRPTATGRPTTISTRSTHVPTSIRVSTSTPPTSTHTWTHKPE

PTTFCPHETTAEVTGIPSHTPTDWNQVTSSGDTWSNHTAIPPGKPQKNPTKG

Product Information

Source: Recombinant expression.

Host: *E.coli*

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: 8.7

Predicted Molecular Mass: 24.9kDa

Accurate Molecular Mass: 32kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-0.5 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.

[IDENTIFICATION]

TTATGTGGAGTAAAGGGGTTGTGGGTCTCCCTCTCAGACTTTCATGTACTTCTCAACATATCGTGGATCAGACAGACATGTTGGGGGGAAGGCAATGCCATCTCTCTCTGTGCAATACACTTATTGGACCAATGGACATCGTGTCCTATCAGAGACAGTCCGTACACCTTAAGGGGCAATTTCAGAGAGAGATGT
YVEVKGVVGHFVTLFCTYSTYRGITTTCTVGRGQCFSACQNTLIWTNGHRVTYQKSSRYNLKSHISEGDV

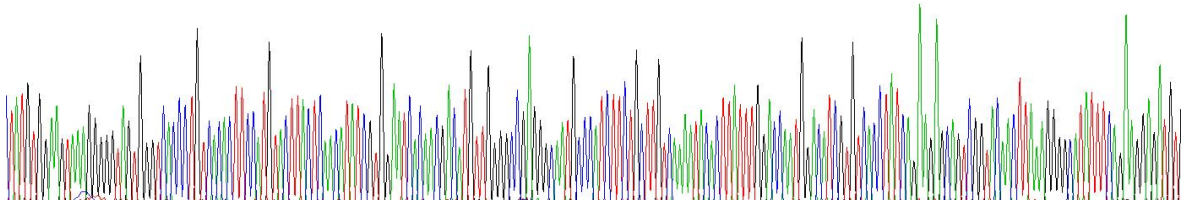


Figure 1. Gene Sequencing (Extract)

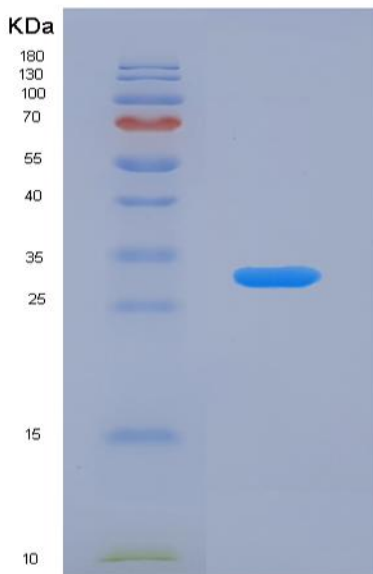


Figure 2. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.

