

## PRODUCT DATA SHEET

### KIM-1 Human HEK293

**Cat. No.:** RD172150100

**Size:** 0.1 mg

**Source:** HEK293

**Type:** Recombinant protein

**Species:** Human

#### Other Names:

Hepatitis A Virus Cellular Receptor 1, HAVcr-1, Kidney injury molecule 1, KIM-1, T-cell immunoglobulin and mucin domain-containing protein 1, TIMD-1, T-cell immunoglobulin mucin receptor 1, TIM, TIM-1, T-cell membrane protein 1, HAVCR1

#### Description:

Total 283 AA. MW: 30.5 kDa (calculated). UniProtKB acc. No. Q96D42 (Ser21–Thr288). N-terminal linker (2 extra AA), C-terminal linker (2 extra AA) and C-terminal His-tag (6 extra AA). Protein identity confirmed by MS.

#### Amino Acid Sequence:

ASSVKVGGEA GPSVTLPCHY SGAVTSMCWN RGSCSLFTCQ NGIVWTNGTH VTYRKDTRYK  
LLGDLRDRDV SLTIENTAVS DSGVYCCRVE HRGWFNDMKI TVSLEIVPPK VTTTPIVTTV  
PIVTTVTRST TVPTTTTVPV TTVPTTTVPT TMSIPTTTTV LTTMTVSTTT SVPTTTSIPT  
TTSVPVTTTV STFVPPMPLP RQNHEPVATS PSSPQPAETH PTTLQGAIRR EPTSSPLYSY  
TTDGNDTVTE SSDGLWNNNQ TQLFLEHSLT TANTTKLHHH HHH

#### Purity:

> 90 % by SDS-PAGE

#### Endotoxin:

< 1.0 EU/μg

#### Formulation:

Filtered (0.4 μm) and lyophilized from 0.5 mg/ml solution in phosphate buffered saline, 5 % w/v trehalose.

#### Reconstitution:

Add 200 μl of deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely.

#### Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

#### Storage/Stability:

Store the lyophilized protein at -80 °C. Lyophilized protein remains stable until the expiry date when stored at -80 °C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80 °C for long term storage. Reconstituted protein can be stored at 4 °C for a week.

**Quality Control:**

BCA to determine quantity of the protein.  
SDS PAGE to determine purity of the protein.  
Endotoxin level determination.

**Applications:**

ELISA, Western blotting

**Note:**

This product is intended for research use only.