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PRODUCT DATA SHEET

KIM-1 Human HEK293

Cat. No.: RD172150100
Source: HEK293
Species: Human

Size: 0.1 mg
Type: Recombinant protein

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:

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ASSVKVGGEA GPSVTLPCHY SGAVTSMCWN RGSCSLFTCQ NGIVWTNGTH VTYRKDTRYK
LLGDLSRRDV SLTIENTAVS DSGVYCCRVE HRGWFNDMKI TVSLEIVPPK VTTTPIVTTV
PTVTTVRTST TVPTTTTVPM TTVPTTTVPT TMSIPTTTTV LTTMTVSTTT SVPTTTSIPT
TTSVPVTTTV STFVPPMPLP RQNHEPVATS PSSPQPAETH PTTLQGAIRR EPTSSPLYSY
TTDGNDTVTE SSDGLWNNNQ TQLFLEHSLL TANTTKLHHH HHH
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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.