



# AVISCERA BIOSCIENCE

## MOUSE SOLUBLE KIDNEY INJURY MOLECULE-1 ISOFORM B RECOMBINANT

**Alternative name(s):**  
**Hepatitis A virus cellular receptor 1**  
**T-cell membrane protein 1**

### Product Information

Code	00186-03-10
Name	Soluble KIM-1 (Mouse) rec.
Lot No.	
Size	10 µg
Species	Mouse
Sequence	S21-G290
Protein ID	Q5QNS5
Gene ID	NP_001160104 .1
MW	40-45 KD (reduce)
Tag	His tag on N terminus
Source	Human cells
Purity	>90% in SDS- PAGE gel PBS lyophilized
Formulation	Form without preservatives
Carry	0.5% Protein
Storage	-20 ° C ~ -70 ° C
Reconstitution	100 µl
Application	ELISA

### Description

A DNA sequence encoding the extracellular domain of Mouse KIM-1 isoform B (Tyr22-Thr212) was fused with a 6 histidine tag at the N-terminus. The secreted recombinant mouse KIM-1 generated after removal of the signal peptide comprises 207 amino acids with a predicted molecular mass of 23 kDa. As a result of high glycosylation, it migrates as an approximately 40-45 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized 10 µg of mouse KIM-1 in 100 µl of PBS contains 0.5% gelatin.

### Reconstitution & Storage

Add 100 µl deionized water to the vial to prepare a working stock solution at 100 µg/mL. Allow to set at least 30 minutes at 4 ° C, mix well.

Store lyophilized protein at -20 ° C or -70 ° C. Lyophilized protein is stable for up to 6 months from date of receipt at -20 ° C to -70 ° C. Upon reconstitution, this protein can be stored at -20 ° C for a few weeks or at -70 ° C in a manual defrost freezer for long term storage (12 months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

**Sequence:** the extracellular domain of mouse KIM-1 isoform b (Tyr22-Thr212)

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