



[Go to Product page](#)

Datasheet for ABIN7275108

## KREMEN2 Protein (AA 25-363) (His tag)

### 1 Image

#### Overview

Quantity:	100 µg
Target:	KREMEN2
Protein Characteristics:	AA 25-363
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KREMEN2 protein is labelled with His tag.

#### Product Details

Purpose:	Mouse Kremen-2 Protein
Sequence:	Gly25-Ser363
Characteristics:	Recombinant Mouse Kremen-2 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Gly25-Ser363.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

#### Target Details

Target:	KREMEN2
Alternative Name:	Kremen-2 ( <a href="#">KREMEN2 Products</a> )

## Target Details

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**Background:** Kremen2 (Krm2) plays an important role in embryonic development, bone formation, and tumorigenesis as a crucial regulator of classical Wnt/ $\beta$ -catenin signaling pathway. Compared to para-cancerous tissues, Krm2 was significantly up-regulated in gastric cancer tissues and was positively correlated with the pathological grade of gastric cancer patients. Krm2 can be a potent candidate for designing of targeted therapy.

**Molecular Weight:** 37.4 kDa. Due to glycosylation, the protein migrates to 50-60 kDa based on Tris-Bis PAGE result.

**UniProt:** [Q8K1S7](#)

**Pathways:** [WNT Signaling](#)

## Application Details

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**Restrictions:** For Research Use only

## Handling

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**Format:** Lyophilized

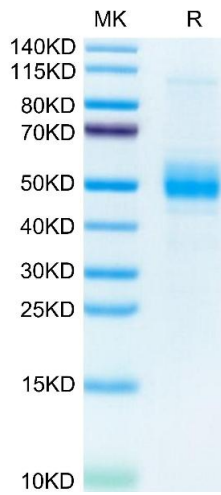
**Reconstitution:** Centrifuge the tube before opening. Reconstituting to a concentration more than 100  $\mu$ g/mL is recommended. Dissolve the lyophilized protein in distilled water.

**Buffer:** Lyophilized from 0.22 $\mu$ m filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.

**Storage:** -20 °C,-80 °C

**Storage Comment:** -20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,-2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

**Expiry Date:** 12 months



### SDS-PAGE

**Image 1.** Mouse Kremen-2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .