

## Recombinant Mouse Keap1 protein, His & T7-tagged

Cat. No. Keap1-1875M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Keap1 aa. (Met1~Gln286 (Accession # Q9Z2X8)) fused with N-terminal His & T7 tag was produced in E. coli cells.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1~Gln286
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 36.0kDa
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	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.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at

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-80°C for 12 months.

**Storage buffer** Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

**Reconstitution** Reconstitute in sterile PBS, pH7.2-pH7.4.

**Isoelectric Point** 5.7

## GENE INFORMATION

**Gene Name** Keap1 kelch-like ECH-associated protein 1 [ *Mus musculus* (house mouse) ]

**Official Symbol** [Keap1](#)

**Synonyms** Keap1; kelch-like ECH-associated protein 1; INRF2; mKIAA0132; kelch-like ECH-associated protein 1; NRF2 cytosolic inhibitor; cytosolic inhibitor of Nrf2; ring canal protein

**Gene ID** [50868](#)

**mRNA Refseq** [NM\\_001110305.1](#)

**Protein Refseq** [NP\\_001103775.1](#)

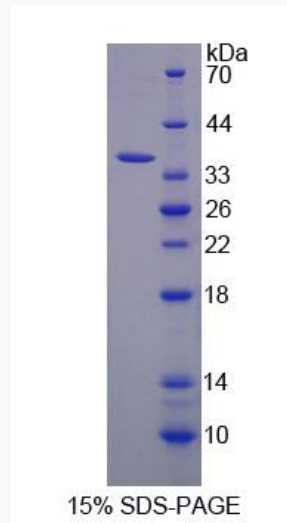
**UniProt ID** [Q9Z2X8](#)

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**SDS-PAGE**



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