

Recombinant Mouse Keap1 protein, His & T7-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Keap1 aa. (Met1~Gln286 (Accession # Q9Z2X8)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Met1~Gln286
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 36.0kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	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.
Storage	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](#)

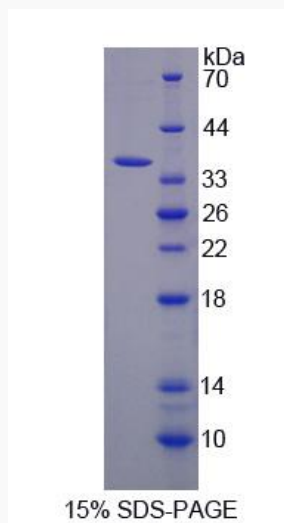
UniProt ID [Q9Z2X8](#)

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SDS-PAGE



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