

Recombinant Mouse Keap1 protein, His-SUMO-tagged

Cat. No. Keap1-3133M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Keap1 protein(Q9Z2X8)(1-624aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	1-624aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	85.6 kDa
AA Sequence	MQPEPKLSGAPRSSQFLPLWSKCPEGAGDAVMYASTECKAEVTPSQDGNRTFSYT LEDHTKQAFGVMNELRLSQQLCDVTLQVKYEDIPAAQFMAHKVVLASSSPVFKAMF TNGLREQGMEVVSIEGIHPKVMERLIEFAYTASISVGEKCVLHVMNGAVMYQIDSVV RACSDFLVQQLDPSNAIGIANFAEQIGCTELHQRAREYIYMHFGEVAKQEEFFNLSH CQLATLISRDDLNVRCESSEVFHACIDWVKYDCPQRRFYVQALLRAVRCHALTPRFLQ TQLQKCEILQADARCKDYLQIFQELTLHKPTQAVPCRAPKVGRLIYTAGGYFRQSL SYLEAYNPSNGSWLRLADLQVPRSLAGCVVGGLLYAVGGRNNSPDGNTDSSALD CYNPMTNQWSPCASMSPVPRNRIGVGVIDGHIYAVGGSHGCIHHSSVERYEPERDE WHLVAPMLTRRIGVGVAVLNRLLYAVGGFDGTNRLNSAECYYPERNWRMITPMNT

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IRSGAGVCVLHNCIYAAGGYDGQDQLNSVERYDVETETWTFVAPMRHHRSA LGITV
 HQGKIYVLGGYDGHTFLDSVECYDPDSDTWSEVTRMTSGRSGVGVAVTMEPCRKQ
 IDQQNCTC

Purity Greater than 90% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name [Keap1 kelch-like ECH-associated protein 1 \[Mus musculus \]](#)

Official Symbol [Keap1](#)

Synonyms KEAP1; kelch-like ECH-associated protein 1; ring canal protein; NRF2 cytosolic inhibitor; cytosolic inhibitor of Nrf2; INRF2; mKIAA0132;

Gene ID [50868](#)

mRNA Refseq [NM_001110305](#)

Protein Refseq [NP_001103775](#)

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