

Recombinant Human KEAP1, Gly & Pro tagged

Cat. No. KEAP1-550H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human KEAP1 (Q14145) (Gln2-Cys624), fused with two additional amino acids (Gly & Pro) at the N-terminus, was produced in Baculovirus-Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	2-624 a.a.
Predicted N Terminal	Gly
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 3mM DTT, 10% glycerol, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The secreted recombinant human KEAP1 consists of 625 amino acids and predicts a molecular mass of 69.7 KDa. The apparent molecular mass of the protein is approximately 64 KDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.

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Storage Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [KEAP1 kelch-like ECH-associated protein 1 \[Homo sapiens \]](#)

Official Symbol KEAP1

Gene ID [9817](#)

mRNA Refseq [NM_012289](#)

Protein Refseq [NP_036421](#)

MIM [606016](#)

UniProt ID [Q14145](#)

Chromosome Location 19p13.2

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