

## Recombinant Human KEAP1 protein(Gln2-Cys624)

Cat. No. KEAP1-3232H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human KEAP1 (Q14145) (Gln2-Cys624) was expressed and purified in Insect Cells with two additional amino acids (Gly & Pro ) at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Gln2-Cys624
<b>Form</b>	Lyophilized from sterile 20mM Tris, 500mM NaCl, 3mM DTT, 10% glycerol, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. 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](#)

**Synonyms** KEAP1; kelch-like ECH-associated protein 1; INrf2; KIAA0132; KLHL19; MGC1114; MGC4407; MGC9454; MGC10630; MGC20887; kelch-like protein 19; cytosolic inhibitor of Nrf2;

**Gene ID** [9817](#)

**mRNA Refseq** [NM\\_012289](#)

**Protein Refseq** [NP\\_036421](#)

**MIM** [606016](#)

**UniProt ID** [Q14145](#)

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