

Recombinant Human KEAP1 protein, His&GST&Avi-tagged

Cat. No. KEAP1-547H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KEAP1 protein(Q14145)(Gln2-Cys624), fused with His and GST&Avi tag, was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	Gln2-Cys624
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% gly, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human KEAP1/GST chimera consists of 875 amino acids and has a calculated molecular mass of 99.2 kDa. It migrates as an approximately 85 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	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  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
-------------------	--------

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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