Recombinant Human KEAP1, His-GST tagged

Cat. No. KEAP1-188H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KEAP1 (NP_036421.2) (Gln2-Cys624), fused with the N-terminal polyhistidine-tagged GST tag, was produced in Baculovirus-Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	2-624 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 7.4.Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant human KEAP1/GST chimera consists of 861 amino acids and has a calculated molecular mass of 97.5 kDa. The recombinant protein migrates as an approximately 109 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per μg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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	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℃ 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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