# Human KEAP1 (His & GST & AVI Tag) recombinant protein

Catalog Number: 503395



# **General Information**

# Gene Name Synonym

Cytosolic inhibitor of Nrf2; INrf2; Kelch-like protein 19

#### **Protein Construction**

A DNA sequence encoding the human KEAP1 (Q14145) (Gln 2-Cys 624) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus linked by the AVI tag.

# **Organism**

Human

# **Expression Host**

**Baculovirus-Insect Cells** 

# **QC Testing**

## **Purity**

> 90 % as determined by SDS-PAGE

#### **Endotoxin**

< 1.0 EU per  $\mu g$  of the protein as determined by the LAL method

#### **Stability**

Samples are stable for up to twelve months from date of receipt at -70°C

## Predicted N terminal

Met

#### **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.

#### **Formulation**

Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% gly, pH 7.4

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

# **Usage Guide**

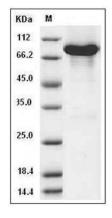
## **Storage**

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.

#### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

# **SDS-PAGE**



Human KEAP1 / INRF2 Protein (His & GST & AVI Tag) SDS-PAGE