

# Human IGF2BP2 (His & GST Tag) recombinant protein



Catalog Number: 502543

## General Information

### Gene Name Synonym

Hepatocellular carcinoma autoantigen p62; IGF-II mRNA-binding protein 2; VICKZ family member 2

### Protein Construction

A DNA sequence encoding the human IGF2BP2 isoform 1 (Q9Y6M1-2) (Met 1-Lys 599) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.

### Organism

Human

### Expression Host

Baculovirus-Insect Cells

## QC Testing

### Purity

> 76 % as determined by SDS-PAGE

### Endotoxin

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

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Met

### Molecular Mass

The recombinant human IGF2BP2/GST chimera consists of 836 amino acids and has a calculated molecular mass of 94 kDa. It migrates as an approximately 90 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 50mM Tris, 500mM NaCl, 0.5mM PMSF, 5mM Reduced Glutathione, pH 8.0  
1. 5 % trehalose and mannitol are added as protectants before lyophilization.  
2. Please contact us for any concerns or special requirements.

## Usage Guide

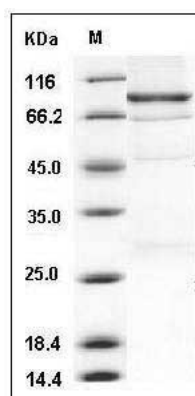
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . 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 IGF2BP2 / IMP2 / p62 Protein (His & GST Tag) SDS-PAGE