

## Recombinant Human IGF2BP2 protein, His&GST-tagged

**Cat. No.** IGF2BP2-3874H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human IGF2BP2 protein(Q9Y6M1-2) (Met 1-Lys 599) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                   |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 1-599 aa                                                                                                                                                                                                |
| <b>Form</b>             | Lyophilized from sterile 50mM Tris, 500mM NaCl, 0.5mM PMSF, 5mM Reduced Glutathione, pH 8.0.                                                                                                            |
| <b>Molecular Mass</b>   | 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. |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                                                                         |
| <b>Purity</b>           | > 76 % as determined by SDS-PAGE                                                                                                                                                                        |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.                    |

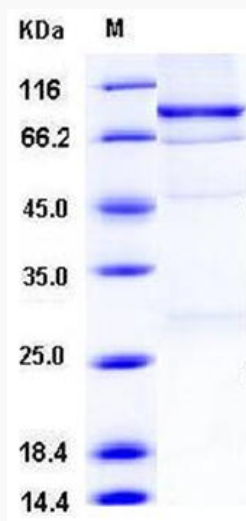
 Tel: 1-631-559-9269    1-516-512-3133

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

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

|                               |                                                                                                                                                                                                                                                                                                                 |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reconstitution</b>         | 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.                                                                                                                                   |
| <b>protein Refseq-Weblink</b> | <a href="http://www.ncbi.nlm.nih.gov/protein/NP_001007226.1">http://www.ncbi.nlm.nih.gov/protein/NP_001007226.1</a>                                                                                                                                                                                             |
| <b>Unit ID</b>                | Q9Y6M1                                                                                                                                                                                                                                                                                                          |
| <b>Unit ID-Weblink</b>        | <a href="https://www.uniprot.org/uniprotkb/Q9Y6M1">https://www.uniprot.org/uniprotkb/Q9Y6M1</a>                                                                                                                                                                                                                 |
| <b>GENE INFORMATION</b>       |                                                                                                                                                                                                                                                                                                                 |
| <b>Gene Name</b>              | IGF2BP2 insulin-like growth factor 2 mRNA binding protein 2 [ Homo sapiens ]                                                                                                                                                                                                                                    |
| <b>Official Symbol</b>        | IGF2BP2                                                                                                                                                                                                                                                                                                         |
| <b>Synonyms</b>               | IGF2BP2; insulin-like growth factor 2 mRNA binding protein 2; insulin-like growth factor 2 mRNA-binding protein 2; IGF II mRNA binding protein 2; IMP 2; VICKZ family member 2; IGF2 mRNA-binding protein 2; IGF-II mRNA-binding protein 2; hepatocellular carcinoma autoantigen p62; p62; IMP2; IMP-2; VICKZ2; |
| <b>Gene ID</b>                | 10644                                                                                                                                                                                                                                                                                                           |
| <b>mRNA Refseq</b>            | NM_001007225                                                                                                                                                                                                                                                                                                    |
| <b>protein Refseq</b>         | NP_001007226                                                                                                                                                                                                                                                                                                    |
| <b>MIM</b>                    | 608289                                                                                                                                                                                                                                                                                                          |

## SDS-PAGE



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