

## Recombinant Human IGFBP4 Protein

**Cat. No.** IGFBP4-1385H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human IGFBP4 protein, was expressed in Hi-5 Insect cells.                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Description</b>      | This gene is a member of the insulin-like growth factor binding protein (IGFBP) family and encodes a protein with an IGFBP domain and a thyroglobulin type-I domain. The protein binds both insulin-like growth factors (IGFs) I and II and circulates in the plasma in both glycosylated and non-glycosylated forms. Binding of this protein prolongs the half-life of the IGFs and alters their interaction with cell surface receptors. [provided by RefSeq, Jul 2008]. |
| <b>Form</b>             | Lyophilized from a 0.2 M filtered solution of 20 mM phosphate buffer, 100 mM NaCl, pH 7.2                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Molecular Mass</b>   | 25.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Purity</b>           | Resuspend the protein in the desired concentration in proper buffer                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Concentration</b>    | Resuspend the protein in the desired concentration in proper buffer                                                                                                                                                                                                                                                                                                                                                                                                        |

### GENE INFORMATION

|                  |                                                                      |
|------------------|----------------------------------------------------------------------|
| <b>Gene Name</b> | IGFBP4 insulin-like growth factor binding protein 4 [ Homo sapiens ] |
|------------------|----------------------------------------------------------------------|

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|                        |                                 |
|------------------------|---------------------------------|
| <b>Official Symbol</b> | IGFBP4                          |
| <b>Synonyms</b>        | BP-4; HT29-IGFBP; IBP4; IGFBP-4 |
| <b>Gene ID</b>         | 3487                            |
| <b>mRNA Refseq</b>     | NM_001552                       |
| <b>Protein Refseq</b>  | NP_001543                       |
| <b>MIM</b>             | 146733                          |
| <b>UniProt ID</b>      | P22692                          |

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