

# Recombinant Human IGFBP4 protein

**Cat. No.** IGFBP4-47H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human IGFBP4 was expressed in E. coli.                                                                              |
| <b>Species</b>          | Human                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                          |
| <b>Form</b>             | lyophilized from a 0.2um filtered solution in PBS, pH 7.4 with 5% trehalose and 0.01% thimerosal                                |
| <b>Molecular Mass</b>   | IGFBP4-N is 35 kD; IGFBP4-C is 35 kD                                                                                            |
| <b>Purity</b>           | Greater than 95% by SDS-PAGE gel analyses.                                                                                      |
| <b>Applications</b>     | Immunogen for antibody production, immunological and mass myoglobin standard, myoglobin biochemical and immunochemical studies. |
| <b>Storage</b>          | - 20°C for Lyophilized, - 80°C for Liquid                                                                                       |

## GENE INFORMATION

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

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|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | protein 4; insulin-like growth factor-binding protein 4; BP 4; HT29 IGFBP; IBP4; IGF binding protein 4; IGFBP 4; IBP-4; IGF-binding protein 4; BP-4; IGFBP-4; HT29-IGFBP;                                                                                                                                                                                            |
| <b>Gene ID</b>             | <a href="#">3487</a>                                                                                                                                                                                                                                                                                                                                                 |
| <b>mRNA Refseq</b>         | <a href="#">NM_001552</a>                                                                                                                                                                                                                                                                                                                                            |
| <b>Protein Refseq</b>      | <a href="#">NP_001543</a>                                                                                                                                                                                                                                                                                                                                            |
| <b>MIM</b>                 | <a href="#">146733</a>                                                                                                                                                                                                                                                                                                                                               |
| <b>UniProt ID</b>          | <a href="#">P22692</a>                                                                                                                                                                                                                                                                                                                                               |
| <b>Chromosome Location</b> | 17q12-q21.1                                                                                                                                                                                                                                                                                                                                                          |
| <b>Pathway</b>             | Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem; Myometrial Relaxation and Contraction Pathways, organism-specific biosystem; Regulation of Insulin-like Growth Factor (IGF) Activity by Insulin-like Growth Factor Binding Proteins (IGFBPs), organism-specific biosystem; Wnt signaling network, organism-specific biosystem; |
| <b>Function</b>            | insulin-like growth factor binding;                                                                                                                                                                                                                                                                                                                                  |