

# Recombinant Mouse Igfbp7 protein, His-tagged, Low Endotoxin

**Cat. No.** Igfbp7-533M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Igfbp7 protein(Q61581)(26-281 aa), fused with C-terminal His tag, was expressed in HEK293.                                                                                                                    |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                           |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 26-281 aa                                                                                                                                                                                                                       |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS, 150mM NaCl (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.                                                                                      |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 27.5 kDa. Due to glycosylation, the protein migrates to 35-38 kDa based on Bis-Tris PAGE result.                                                                                              |
| <b>Endotoxin</b>        | Less than 0.01 EU per µg by the LAL method.                                                                                                                                                                                     |
| <b>Purity</b>           | > 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC                                                                                                                                                               |
| <b>Storage</b>          | Store at -20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |
| <b>Reconstitution</b>   | Dissolve the lyophilized protein in distilled water.                                                                                                                                                                            |

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

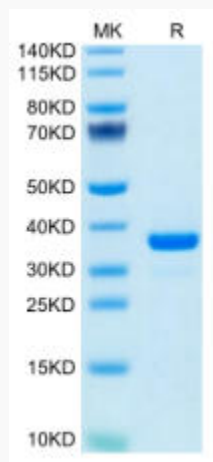
 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

## GENE INFORMATION

|                 |                                                                                                                                                                             |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | Igfbp7 insulin-like growth factor binding protein 7 [ Mus musculus ]                                                                                                        |
| Official Symbol | Igfbp7                                                                                                                                                                      |
| Synonyms        | IGFBP7; insulin-like growth factor binding protein 7; insulin-like growth factor-binding protein 7; IBP-7; IGFBP-7; angiomodulin; IGF-binding protein 7; AGM; Fstl2; Mac25; |
| Gene ID         | 29817                                                                                                                                                                       |
| mRNA Refseq     | NM_001159518                                                                                                                                                                |
| Protein Refseq  | NP_001152990                                                                                                                                                                |

### Bis-Tris PAGE



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