

## Active Recombinant Mouse Igfbp7 protein, hFc-tagged, Low Endotoxin

**Cat. No.** Igfbp7-971M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                        |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Igfbp7 protein(Q61581)(26-281 aa), fused with C-terminal hFc tag, was expressed in HEK293.                                                           |
| <b>Species</b>          | Mouse                                                                                                                                                                  |
| <b>Source</b>           | HEK293                                                                                                                                                                 |
| <b>ProteinLength</b>    | 26-281 aa                                                                                                                                                              |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.                                        |
| <b>Bio-activity</b>     | Mouse IGFBP-7, hFc Tag captured on CM5 Chip via Protein A can bind Human CD93, His Tag with an affinity constant of 1.67 µM as determined in SPR assay (Biacore T200). |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 53.03 kDa. Due to glycosylation, the protein migrates to 55-70 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                                                                                      |

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

**Reconstitution** Dissolve the lyophilized protein in distilled water.

## GENE INFORMATION

**Gene Name** [lgfbp7 insulin-like growth factor binding protein 7 \[ Mus musculus \]](#)

**Official Symbol** [lgfbp7](#)

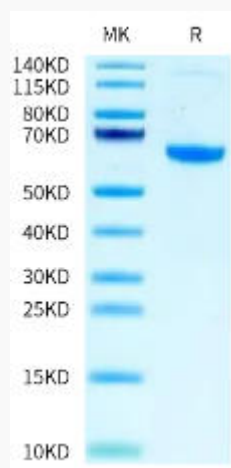
**Synonyms** IGFBP7; insulin-like growth factor binding protein 7; insulin-like growth factor-binding protein 7; IBP-7; IGFBP-7; angiomodulin; IGF-binding protein 7; AGM; Fstl2; Mac25;

**Gene ID** [29817](#)

**mRNA Refseq** [NM\\_001159518](#)

**Protein Refseq** [NP\\_001152990](#)

### Bis-Tris PAGE

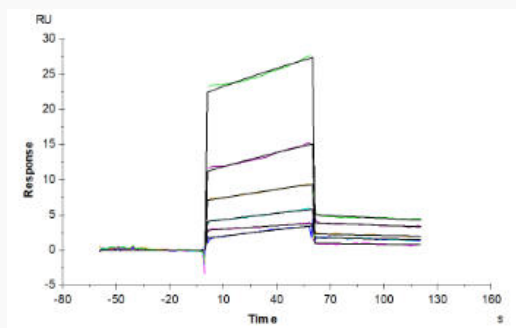


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## SPR Data



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