

Recombinant Mouse Igfbp7 Protein, Fc-tagged

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

SPECIFICATION

Product Overview	Recombinant mouse Igfbp7 (AAH92538.1) (Met1-Leu281) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	1-281 a.a.
Predicted N Terminal	Ser 26
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant mouse Igfbp7 consists 497 amino acids and predicts a molecular mass of 53.3 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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](#)

MIM

UniProt ID

Pathway Senescence and Autophagy, organism-specific biosystem;

Function growth factor binding; insulin-like growth factor binding;

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