

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	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
MIM	
UniProt ID	
Pathway	Senescence and Autophagy, organism-specific biosystem;
Function	growth factor binding; insulin-like growth factor binding;

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