

Recombinant Rat Igfbp6 protein, His-tagged

Cat. No. IGFBP6-3011R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Igfbp6(Met1-Gly226) fused with His tag at C-terminal was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Met1-Gly226
Predicted N Terminal	Ala 26
Form	Lyophilized from sterile PBS, pH 7.4.1. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.2. Please contact us for any concerns or special requirements.
Molecular Mass	The recombinant rat Igfbp6 consists 212 amino acids and predicts a molecular mass of 22.9 kDa.
Endotoxin	< 1.0 EU per µg 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 centigrade
Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

Shipping

In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name

[lgfbp6 insulin-like growth factor binding protein 6 \[Rattus norvegicus \]](#)

Official Symbol

[lgfbp6](#)

Synonyms

IGFBP6; insulin-like growth factor binding protein 6; insulin-like growth factor-binding protein 6; IBP-6; IGFBP-6; IGF-binding protein 6; RBP6A; IGF-BP6;

Gene ID

[25641](#)

mRNA Refseq

[NM_013104](#)

Protein Refseq

[NP_037236](#)

MIM
UniProt ID

[P35572](#)

Chromosome Location

7q36

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Pathway

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;

Function

insulin-like growth factor I binding; insulin-like growth factor II binding; insulin-like growth factor II binding;

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