Recombinant Rat Igfbp6 protein, His/T7-tagged

Cat. No. Igfbp6-3012R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Igfbp6(Glu51~Gly226) fused with His/T7 tag at N-terminal was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Glu51~Gly226
Description	Igfbp6 played an important role in many functions.
Form	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Molecular Mass	23.1kDa
AA Sequence	MGSSHHHHHH SSGLVPRGSH MASMTGGQQM GRGSEF-ETGGCFRREG QPCGVYIPKC APGLQCQPRE NEETPLRALL IGQGRCQRAR GPSEETTKES KPHGGASRPR DRDRQKNPRT SAAPIRPSPV QDGEMGPCRR HLDSVLQQLQ TEVFRGGANG LYVPNCDLRG FYRKQQCRSS QGNRRGPCWC VDPMGQPLPV SPDGQGSSQC SARSSG
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 95%

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Applications	SDS-PAGE; WB; ELISA; IP.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Igfbp6 insulin-like growth factor binding protein 6 [Rattus norvegicus]
Official Symbol	Igfbp6
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
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

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	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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