Recombinant Rat Insulin-Like Growth Factor Binding Protein 4

Cat. No. Igfbp4-1415R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Insulin-like Growth Factor Binding Protein-4 (rIGFBP-4) produced in*E.coli*is a 233 amino acid glycosylated protein.MW =25.7 kDa.
Species	Rat
Source	E.coli
Description	IGFBP-4 is one of the six "classical" IGF binding proteins that play an important role in stabilizing and regulating the activity of IGFs in vivo. Rat IGFBP-4 binds both IGF-I and IGF-II and modifies their biological activity and bioavailability.
Purity	> 95% rat IGFBP-4 (by Mass Spectrometry).
Biological Activity	Binding of IGF-I: IC50 0.24 nM.
State And Appearance	Lyophilized white powder dried from 10mM HCl and stored under dry nitrogen at a slight vacuum (-25 kPa).
Storage/Stability	At least 2 years at 2 - 4°C (lyophilized).

GENE INFORMATION

Gene Name	Igfbp4 insulin-like growth factor binding protein 4 [Rattus norvegicus]
Synonyms	insulin-like growth factor binding protein 4; IBP4; IGF-BP4; Igfbp4; IGF-binding

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	protein 4; insulin-like growth factor-binding protein 4
Gene ID	360622
mRNA Refseq	NM_001004274
Protein Refseq	NP_001004274
UniProt ID	P21744
Chromosome Location	10q31
Function	insulin-like growth factor binding

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