

Recombinant Rat Igfbp7 protein, His-tagged

Cat. No. Igfbp7-1787R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Igfbp7 aa. (Lys88~Leu281) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Lys88~Leu281
Form	Freeze-dried powder
Molecular Mass	27kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>98%
Characteristic	The isoelectric point is 9.3.
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200ug/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

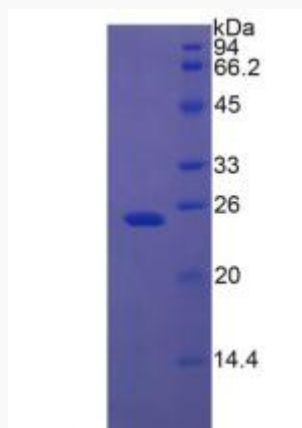
GENE INFORMATION

Gene Name	lgfbp7 insulin-like growth factor binding protein 7 [Rattus norvegicus (Norway rat)]
Official Symbol	lgfbp7
Synonyms	lgfbp7; insulin-like growth factor binding protein 7; insulin-like growth factor-binding protein 7
Gene ID	289560
mRNA Refseq	NM_001013048.1
Protein Refseq	NP_001013066.1
UniProt ID	Q5RJM3

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SDS-PAGE

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