Recombinant Rat Igfbp2 protein, His & S-tagged

Cat. No. Igfbp2-826R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Igfbp2 aa. (Glu35~Gln304 (Accession # P12843)) fused with N-terminal His & S tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Glu35~Gln304
Description	Protein that binds to Igf-I and Igf-II.
Form	Freeze-dried powder
Molecular Mass	35 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 6.4.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h,

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	and no obvious degradation and precipitation were observed. The loss rate 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.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4

GENE INFORMATION

Gene Name	Igfbp2 insulin-like growth factor binding protein 2 [Rattus norvegicus (Norway rat)]
Official Symbol	Igfbp2
Synonyms	Igfbp2; insulin-like growth factor binding protein 2; IBP-2; BRL-BP; IGFBP-2; ILGFBPA; insulin-like growth factor-binding protein 2; IGF-binding protein 2
Gene ID	25662
mRNA Refseq	NM_013122.2
Protein Refseq	NP_037254.2
UniProt ID	P12843

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