Recombinant Rat Lalba protein, His & T7-tagged

Cat. No. Lalba-5740R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Lalba aa. (Thr20~Pro159 (Accession # P00714)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Thr20~Pro159
Description	Regulatory subunit of lactose synthase found in milk; involved in altering substrate specificity of galactosyltransferase.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 19.3kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.6.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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	accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, 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% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Lalba lactalbumin, alpha [Rattus norvegicus (Norway rat)]
Official Symbol	Lalba
Synonyms	Lalba; lactalbumin, alpha; alpha-lactalbumin; lactose synthase B protein
Gene ID	24528
mRNA Refseq	NM_012594.1
Protein Refseq	NP_036726.1
UniProt ID	P00714

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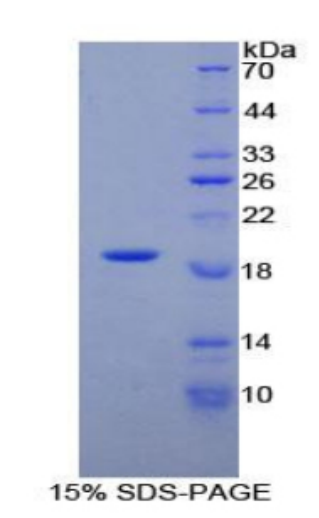
SDS-PAGE	 15% SDS-PAGE

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