

Recombinant Mouse Lalba Protein, MYC/DDK-tagged

Cat. No. Lalba-1288M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse lactalbumin, alpha (Lalba), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Regulatory subunit of lactose synthase, changes the substrate specificity of galactosyltransferase in the mammary gland making glucose a good acceptor substrate for this enzyme. This enables LS to synthesize lactose, the major carbohydrate component of milk. In other tissues, galactosyltransferase transfers galactose onto the N-acetylglucosamine of the oligosaccharide chains in glycoproteins.
Molecular Mass	16.3 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 g/mL as determined by microplate BCA method

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Lalba lactalbumin, alpha \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Lalba](#)

Synonyms [Lalba](#); [lactalbumin, alpha](#); [Lyzg](#); [AW208827](#); [alpha-lactalbumin](#); [lactose synthase B protein](#); [lysozyme g](#); [EC 2.4.1.22](#)

Gene ID [16770](#)

mRNA Refseq [NM_010679](#)

Protein Refseq [NP_034809](#)

UniProt ID [P29752](#)

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