

Natural Bos taurus (cattle) LALBA (lactalbumin alpha) protein

Cat. No. LALBA-479C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Natural Bos taurus (cattle) LALBA (lactalbumin alpha) protein was extracted from Bovine milk and purified by column chromatography.
Species	Bovine
Source	Bovine milk
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.
Form	Preservative and carrier-free in endotoxin free phosphate buffered saline, pH 7.4. Filtered through 0.22µm filter.
Molecular Mass	14 kDa
Purity	Purity on silver stained SDS-PAGE >95%.
Storage	(1) Store at -20°C. (2) Avoid freeze thaw cycles.
Warning	Allergens are provided for research and commercial use in vitro: not for human in vivo or therapeutic use.

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