

Native Bovine α -Lactalbumin Protein

Cat. No. ALA-02B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	α -Lactalbumin from bovine milk, Type III, calcium depleted.
Species	Bovine
Source	Bovine Milk
Description	α -Lactalbumin is a small, globular, whey protein that has been found in all milk studied to date. It is a metalloprotein of approximately 14 kDa produced in the mammary glands.
Form	Lyophilized powder
Molecular Mass	14,178 Da by calculation
Purity	$\geq 85\%$ (PAGE)
Characteristic	Solubility H ₂ O: soluble 10 mg/mL, clear to slightly hazy, colorless to faintly yellow cation traces Ca: ≤ 0.3 mol/mol (may contain traces of (NH ₄) ₂ SO ₄ and sodium phosphate)
Storage	At -20 centigrade.

GENE INFORMATION

Gene Name	LALBA
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Official Symbol	LALBA lactalbumin alpha [Bos taurus (cattle)]
Synonyms	alfaLA; a-LACTA; LALBA; lactalbumin alpha; alpha-lactalbumin; alpha lactabumin; alpha lactalbumin; alpha-lactalbumin A; alpha-lactalbumin B; alpha-lactalbumin protein variant D; lactose synthase B protein; EC 2.4.1.22
Gene ID	281894
mRNA Refseq	NM_174378
Protein Refseq	NP_776803

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