

32-17445: Recombinant human LALBA protein with C-terminal human Fc tag

Alternative Name : LYZG

Description

Expression Host : HEK293

The protein has a predicted molecular mass of 39.05 kDa after removal of the signal peptide.

This gene encodes alpha-lactalbumin, a principal protein of milk. Alpha-lactalbumin forms the regulatory subunit of the lactose synthase (LS) heterodimer and beta 1,4-galactosyltransferase (beta4Gal-T1) forms the catalytic component. Together, these proteins enable LS to produce lactose by transferring galactose moieties to glucose. As a monomer, alpha-lactalbumin strongly binds calcium and zinc ions and may possess bactericidal or antitumor activity. A folding variant of alpha-lactalbumin, called HAMLET, likely induces apoptosis in tumor and immature cells.

Product Info

Amount :	50 µg
Purification :	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage condition :	Store at -80°C for 12 months (Avoid repeated freezing and thawing)