



Recombinant Protein Technical Manual
Recombinant Human α -Lactalbumin/LALBA Protein
(His Tag)
RPES3224

Product Data:

Product SKU: RPES3224

Size: 10 μ g

Species: Human

Expression host: Human Cells

Uniprot: P00709

Protein Information:

Molecular Mass: 15.1 kDa

AP Molecular Mass: 15 kDa

Tag: C-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per μ g as determined by the LAL method.

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.

Formulation: Supplied as a 0.2 μ m filtered solution of 20mM Tris, 150mM NaCl, pH8.0.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Lactose synthase B protein; Lysozyme-like protein 7; LALBA; LYZL7

Immunogen Information:

Sequence: Lys20-Leu142

Background:

Alpha-lactalbumin(LALBA) is a secreted protein that is a member of the glycosyl hydrolase 22 family. It is expressed in mammary gland in milk. It is the regulatory subunit of lactose synthase. It changes the substrate specificity of galactosyltransferase in the mammary gland making glucose a good acceptor substrate for this enzyme.