

## Product datasheet for **TP727963**

### alpha Lactalbumin (LALBA) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human $\hat{\pm}$ -Lactalbumin/LALBA (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Lys20-Leu142
Tag:	C-His
Buffer:	Supplied as a 0.2 um filtered solution of 20mM Tris HCl, 150mM NaCl, pH 8.0.
Note:	Recombinant Human alpha-lactalbumin is produced by our Mammalian expression system and the target gene encoding Lys20-Leu142 is expressed with a 6His tag at the C-terminus.
Storage:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Stability:	12 months from date of despatch
Locus ID:	3906
UniProt ID:	<a href="#">P00709</a>
Synonyms:	Lactose synthase B protein; Lysozyme-like protein 7; LALBA; LYZL7
Summary:	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.
Protein Families:	Secreted Protein
Protein Pathways:	Galactose metabolism



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