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Datasheet for ABIN1691674

LALBA Protein (AA 20-142) (His tag)

Overview

Quantity:	50 µg
Target:	LALBA
Protein Characteristics:	AA 20-142
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LALBA protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human α-Lactalbumin/LALBA (C-6His)
Sequence:	KQFTKCELSQ LLKDIDGYGG IALPELIC TM FHTSGYDTQA IVENNESTEY GLFQISNKLW CKSSQVPQSR NICDISCDKF LDDITDDIM CAKKILDIKG IDYWLAHKAL CTEKLEQWLC EKLVDHHHHH H
Characteristics:	Recombinant Human α-Lactalbumin/LALBA (C-6His)
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	LALBA
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Target Details

Alternative Name:	alpha-Lactalbumin/LALBA (LALBA Products)
Background:	<p>Recombinant Human α-lactalbumin/LALBA is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Lys20-Leu142) of Human LALBA fused with a polyhistidine tag at the C-terminus.</p> <p>α-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.</p>
Molecular Weight:	15.1 kDa
UniProt:	P00709

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 μg/mL.</p> <p>Dissolve the lyophilized protein in ddH₂O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Supplied as a 0.2 μ m filtered solution of 20 mM Tris, 150 mM NaCl, pH 8.0.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	-80 °C
Storage Comment:	<p>Store at < -20°C, stable for 6 months after receipt.</p> <p>Please minimize freeze-thaw cycles.</p>
Expiry Date:	6 months