

Recombinant Alpha-Lactalbumin (aLA) Instruction Manual

SIPB677Bo01

Bos taurus; Bovine (Cattle)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	17.9kDa
Accurate Molecular Mass	16kDa(Analysis of differences refer to the manual)
Residues & Tags	Glu20~Leu142 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	4.8
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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          E  QLTKCEVFRE  LKDLKGYGGV  SLPEWVCTTF  
HTSGYDTQAI  VQNNSTSEYG  LfqinnkiwC  KDDQNPSSN  ICNISCDKFL  
DDDLTDDIMC  VKKILDKVGI  NYWLAHKALC  SEKLDQWLCE  KL
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USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL.
Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

