

## SUMMARY

shipped on dry ice; store at -80 °C

For research use only!

## Product Description and Application

- *Lactococcus lactis* strain NZ1330, food grade
- Host strain for constitutive gene expression systems
- Alanine racemase encoding gene *alr* has been deleted. Deletion of the *alr* results in auxotrophy for the essential component D-alanine, implying that the strain is unable to grow on media without alanine unless *alr* gene is provided on a plasmid.

For handling carefully read the handbook pertaining to the gene expression system.  
*Care must be taken not to interrupt the cooling chain. Always store frozen stock at -80 °C.*

## Genotype

- $\Delta alr$ , derived from the strain MG1363

## Contents

- 1 ml cell suspension in growth medium supplemented with sterile glycerol to a final concentration of 30%.

## Order Information, Shipping and Storage

Order#	Product	Amount
VS-ELS01330-01	<i>Lactococcus lactis</i> expression Strain NZ1330, food grade, $\Delta alr$	1 ml
shipped on dry ice; store at -80 °C		

## Contact and Support

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### Customer Service – General inquiries & orders

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