9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

LGALSL Human

Lectin Galactoside-Binding-Like Human Recombinant
RCP1239

Product Overview

Name	LGALSL Human
Description	
Lectin Galactoside-Binding-Like Human Recombinant	
Accession (Primary)	Q3ZCW2
Synonyms	
GRP, HSPC159, Galectin-related protein, Lectin galactoside-binding-like protein, LGALSL.	
Introduction	
Galectins are a family of soluble b-galactoside-binding animal lectins that modulate cell-to-cell adhesion and cell-to-extracellular matrix interactions. Galectins also take part in tumor progression, pre-mRNA splicing and apoptosis. Galectin-related protein (LGALSL) is a 172 amino acid protein which holds one galectin domain. In spite of this, LGALSL does not appear to bind carbohydrates or lactose since the critical residues required for binding are not conserved.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
LGALSL protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 20% glycerol and 1mM DTT.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MAGSVAD SDAVVKLDDG HLNNSLSSPV QADVYFPRLI VPFCGHIKGG MRPGKKVLVM GIVDLNPESF AISLTCGDSE DPPADVAIEL KAVFTDRQLL RNSCISGERG EEQSAIPYFP FIPDQPFRVE ILCEHPRFRV FVDGHQLFDF YHRIQTLSAI DTIKINGDLQ ITKLG.	

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Precautions

LGALSL Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q3ZCW2)