

LGALSL Human

Description: LGALSL Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 196 amino acids (1-172) and having a molecular mass of 21.6 kDa. The LGALSL is fused to a 24 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Catalog #: CYP5-080

For research use only.

Synonyms: Lectin galactoside-binding-like, galectin-related protein, GRP, HSPC159, MGC33751, MGC71953.

Source: E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MGSHMAGSVA DSDAVVKLDD
GHLNNSLSPP VQADVYFRL IVPFCGHIKG GMRPGKKVLV MGIVDLNPES FAISLTCGDS
EDPPADVAIE LKAVFTDRQL LRNSCISGER GEEQSAIPYF PFIPDQPFRV EILCEHPRFR
VFVDGHLFLD FYHRIQTLA IDTIKINGDL QITKLG

Purity: Greater than 85% as determined by SDS-PAGE.

Formulation:

The LGALSL solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 0.1M NaCl and 10% glycerol.

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

LGALSL is a 172 amino acid protein which holds one galectin domain. LGALSL does not bind carbohydrates or lactose since the residues crucial for binding are not conserved.

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