

Lectin Galactoside-Binding-Like Human Recombinant

Item Number	rAP-3909
Synonyms	GRP, HSPC159, Galectin-related protein, Lectin galactoside-binding-like protein, LGALS1.
Description	LGALS1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 195 amino acids (1-172a.a) and having a molecular mass of 21.4kDa. LGALS1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q3ZCW2
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAGSVAD SDAVVKLDDG HLNNLSLSSPV QADVYFPRLI VPFCGHIKGG MRPGKKVLVM GIVDLNPESF AISLTCGDSE DPPADVAIEL KAVFTDRQLL RNSCIS- GERG EEQSAIPYFP FIPDQPFRVE ILCEHPRFRV FVDGHQLFDF YHRIQTLSAI DTIKINGDLQ ITKLG.
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	LGALS1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 20% glycerol and 1mM DTT. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**