

AR39145PU-L

Human Galectin-related protein / GRP (1-172, His-tag) - Purified

Alternate names:	HSPC159
Quantity:	0.5 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	Galectin-related protein, also designated HSPC159, is a 172 amino acid protein that contains one galectin domain. This protein does not appear to bind carbohydrates or lactose because the critical residues required for binding are not conserved.
Uniprot ID:	Q3ZCW2
NCBI:	NP_054900
GeneID:	29094
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 2mM DTT, 0.1M NaCl
Description:	Recombinant human GRP, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. AA Sequence: MGSSHHHHHH SSGLVPRGSH MGSHMAGSVA DSDAVVKLDD GHLNNSLSSP VQADVFPRL IVPFCGHIKG GMRPGKKVLV MGIVDLNPES FAISLTCGDS EDPPADVAIE LKAVFTDRQL LRNSCISGER GEEQSAIPYF PFIPDQPFRV EILCEHPRFR VFVDGHLQFD FYHRIQTLA IDTIKINGDL QITKLG Molecular weight: 21.6 kDa (196aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Zhou D., et al. (2008) Proteins. 71(3):1582-8. Marshall JD., et al. (2007) Eur J Hum Genet. 15(12):1193-202.

Pictures:

Recombinant human HSPC159, 1-172 aa,
His-tagged

