

Recombinant Human HSPC159, His-tagged

Cat. No. HSPC159-3636H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human HSPC159 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques (1-172 aa).
Species	Human
Source	Human
Description	HSPC159, also designated galectin-related protein (GRP), 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.
Form	Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 2mM DTT, 0.1M NaCl.
Molecular Weight	21.6 kDa (196aa), confirmed by MALDI-TOF
Purity	> 85 % by SDS - PAGE
Concentration	1 mg/ml (determined by Bradford assay)
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MGSHMAGSVA DSDAVVKLDD GHLNNSLSSP VQADVYFPRL IVPFCGHIKG GMRPGKKVLV MGIVDLNPES FAISLTCGDS EDPPADVAIE LKAVFTDRQL LRNSCISGER GEEQSAIPYF PFIPDQPFRV

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EILCEHPRFR VFVDGHQLFD FYHRIQTLA IDTIKINGDL QITKLG

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

HSPC159 galectin-related protein [Homo sapiens]

Official Symbol

HSPC159

Synonyms

HSPC159; GRP; MGC33751; MGC71953; galectin-related protein; galectin-related protein; OTTHUMP00000159938; OTTHUMP00000202181; OTTHUMP00000202188

Gene ID

29094

mRNA Refseq

NM_014181

Protein Refseq

NP_054900

UniProt ID

Q3ZCW2

**Chromosome
Location**

2p14

Function

sugar binding

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