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 FYHRIQTLSA 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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