

HSPC159, 1-172aa, Human, His tag, E.coli

Cat.NO.: TP02541

3th Edition

Synonyms:Galectin-related protein, GRP, MGC33751, MGC71953.

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. Recombinant human HSPC159 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

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

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSHMAGSVADSDAVVKLDDGHLNNSLSSPVQADVFPRLIVPFCGHIKGGMRP
GKKVLVMGIVDLNPESFAISLTCGDSPPADVAIELKAVFTDRQLLRNSCISGERGEEQSAIPYFPFIPDQPFRVEIL
CEHPRFRVFVDGHLDFYHRIQTLSAIDTIKINGDLQITKLG

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.