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Recombinant human HSPB9 protein

Catalog Number: ATGP1492

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-159aa

UniProt No.

Q9BQS6

NCBI Accession No.

NP 149971

Alternative Names

Heat shock protein beta-9, CT51 (cancer/testis antigen 51)

PRODUCT SPECIFICATION

Molecular Weight

19.6 kDa (179aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 50% glycerol, 0.2M NaCl, 2mM DTT

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

HSPB9, also known as CT51, belongs to the small heat shock protein (HSP20) family. Localizing to the cytoplasm as well as the nucleus, HSPB9 is expressed specifically in the testis. Recombinant human HSPB9 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MQRVGNTFSN ESRVASRCPS VGLAERNRVA TMPVRLLRDS PAAQEDNDHA RDGFOMKLDA HGFAPEELVV OVDGOWLMVT GOOOLDVRDP ERVSYRMSOK VHRKMLPSNL SPTAMTCCLT



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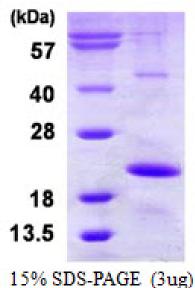
PSGQLWVRGQ CVALALPEAQ TGPSPRLGSL GSKASNLTR

General References

Vos M.J., et al. (2009) Biochim. Biophys. Acta. 1793:1343-1353 Kappe G., et al. (2001) Biochim. Biophys. Acta. 1520:1-6

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

