

Recombinant human HSF2BP protein

Catalog Number: ATGP2784

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-334aa

UniProt No.

O75031

NCBI Accession No.

NP_008962

Alternative Names

Heat shock transcription factor 2 binding protein, HSF2BP

PRODUCT SPECIFICATION

Molecular Weight

40 kDa (357aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 30% glycerol, 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

HSF2 binding protein (HSF2BP) associates with HSF2. The interaction occurs between the trimerization domain of HSF2 and the amino terminal hydrophilic region of HSF2BP that comprises two leucine zipper motifs. HSF2BP may therefore be involved in modulating HSF2 activation. Recombinant human HSF2BP protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSMGEAGAA EEACRHMGTK EEFVKVRKKD LERLTTEVMQ IRDFLPRLN GEVLESFQKL

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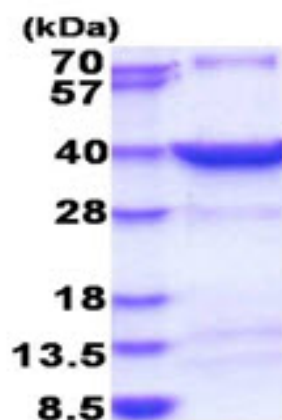
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LGDLKPGQCT KLVLMMSL YNVSINLKGL KYISESPGFI PLLWWLLSDP DAEVCLHVLV LVQSVVLEPE VFSKSASEFR
SSLPLQRILA MSKSRNPRLQ TAAQELLEDL RTLEHNV

General References

Yoshima T., et al. (1998) Gene. 214:139-146
Jakobs A., et al. (2007) Nucleic Acids Res. 35:E109-E109

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)