

Recombinant human AFAP protein

Catalog Number: ATGP2693

PRODUCT INFORMATION

Expression system

E.coli

Domain

250-590aa

UniProt No.

Q8N556

NCBI Accession No.

AAH32777.1

Alternative Names

Actin filament associated protein 1, AFAP, AFAP-110

PRODUCT SPECIFICATION

Molecular Weight

39.5 kDa (362aa)

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.4M urea

Purity

> 80% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

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

AFAP1 is a Src binding partner. It may represent a potential modulator of actin filament integrity in response to cellular signals, and may function as an adaptor protein by linking Src family members and/or other signaling proteins to actin filaments. Multiple transcript variants encoding different isoforms have been found for this gene. Recombinant human AFAP1 protein, fused to His-tag at N-terminus, was expressed in E. coli.

Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH M>GCSGPVDSE CPPPPSSPVH KAELEKKLSS ERPSSDGEGV VENGITTCNG

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KEQVKRKKSS KSEAKGTVSK VTGKKITKII SLGKKKPSTD EQTSSAEEDV PTCGYLNVLS NSRWREWRWCR VKDNKLIFHK
DRTDLKTHIV SIPLRGCEVI PGLDCKHPLT FRLLRNGQEV AVLEASSSED MGRWIGILLA ETGSSTDPEA LHYDYIDVEM
SASVIQTAKQ TFCFMNRRVI SANPYLGGTS NYAHPSGTA LHYDDVPCIN GSLRGKKPPV ASNGVTGKGK TLSSQPKKAD
PAAVVKRTGS NAAQYKYGKN RVEADAKRLQ TKEEELLKRK EALRNRLAQL RK

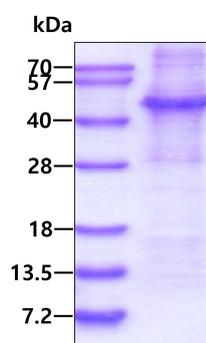
General References

Qian Y. et al. (2004) J Cell Biochem. 91: 602-620.

Qian Y. et al. (1998) Oncogene. 16:2185-2195.

DATA

SDS-PAGE



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