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 SSGLVPRGSH M>GCSGPVDSE CPPPPSSPVH KAELEKKLSS ERPSSDGEGV VENGITTCNG

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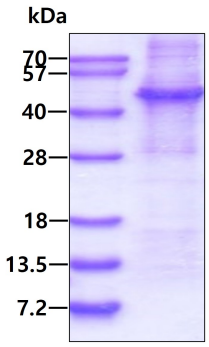
KEQVKRKKSS KSEAKGTVSK VTGKKITKII SLGKKKPSTD EQTSSAEEDV PTCGYLNVLS NSRWRERWCR VKDNKLIFHK DRTDLKTHIV SIPLRGCEVI PGLDCKHPLT FRLLRNGQEV AVLEASSSED MGRWIGILLA ETGSSTDPEA LHYDYIDVEM SASVIQTAKQ TFCFMNRRVI SANPYLGGTS NGYAHPSGTA LHYDDVPCIN GSLRGKKPPV ASNGVTGKGK TLSSQPKKAD PAAVVKRTGS NAAQYKYGKN RVEADAKRLQ TKEEELLKRK 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.