

**AFAP1, 250-588aa, Human, His tag, E.coli**

**Cat.NO.: TP01079**

3th Edition

**Synonyms:** Actin filament associated protein 1, AFAP, AFAP-110

**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.

**Form:** Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea

**Molecular Weight:** 39.2 kDa(360aa)

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGCSGPVDSECPPPPSSPVHKAEELEKKLSSERPSSDGEGVVENGITTCNGKEQV  
KRKKSSKSEAKGTVSKVTGKKITKIISLGKKKPSTDEQTSSAEEDVPTCGYLNVLNSNRWRERWCRVKDNKLIFHKD  
RTDLKTHIVSIPLRGCEVIPGLDCKHPLTFRLLRNGQEVAVLEASSSEDMGRWIGILLAETGSSTDPEALHYDYIDVE  
MSASVIQTAKQTFCFMNRRVISANPYLGGTSNGYAHPSGTALHYDDVPCINGSLRGKKPPVASNGVTGKGKTLSS  
QPKKADPAAVVKRTGSNAAQYKYGKNRVEADAKRLQTKEEELLKRKEALRNRLAQL

**Purity:** > 95% by HPLC

**Concentration:** 0.5mg/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.