9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

AFAP1 Human

Actin Filament Associated Protein 1 Human Recombinant
RCP0020

Product Overview

Name	AFAP1 Human
Description	
Actin Filament Associated Protein 1 Human Recombinant	
Accession (Primary)	Q8N556
Synonyms	
Actin filament-associated protein 1, 110 kDa actin filament-associated protein, AFAP-110, AFAP1, AFAP, Actin Filament Associated Protein 1.	
Introduction	
Actin Filament Associated Protein 1 (AFAP1) is a Src binding partner. AFAP1 is a possible modulator of actin filament integrity in response to cellular signals, and is also playing a role as an adaptor protein by connecting Src family members to actin filaments. AFAP1 takes partin the development and progression of prostate adenocarcinoma by regulating cell-matrix adhesions and migration in the cancer cells.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The AFAP1 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 80% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH M GCSGPVDSE CPPPPSSPVH KAELEKKLSS ERPSSDGEGV VENGITTCNG KEQVKRKKSS KSEAKGTVSK VTGKKITKII SLGKKKPSTD EQTSSAEEDV PTCGYLNVLS NSRWRERWCR VKDNKLIFHK DRTDLKTHIV SIPLRGCEVI PGLDCKHPLT FRLLRNGQEV AVLEASSSED MGRWIGILLA ETGSSTDPEA LHYDYIDVEM SASVIQTAKQ TFCFMNRRVI SANPYLGGTS NGYAHPSGTA LHYDDVPCIN	

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GSLRGKKPPV ASNGVTGKGK TLSSQPKKAD PAAVVKRTGS NAAQYKYGKN RVEADAKRLQ TKEEELLKRK EALRNRLAQL.

Precautions

AFAP1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q8N556)