9051 Mira Mesa Blvd, #910094
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AIP Human

Aryl Hydrocarbon Receptor Interacting Protein Human Recombinant
RCP0038

Product Overview

Name	AIP Human
Description	
Aryl Hydrocarbon Receptor Interacting Protein Human Recombinant	
Accession (Primary)	O00170
Synonyms	
AH receptor-interacting protein, AIP, Aryl-hydrocarbon receptor-interacting protein, HBV X-associated protein 2, XAP-2, Immunophilin homolog ARA9, XAP2, ARA9, FKBP16, FKBP37, SMTPHN.	
Introduction	
Aryl hydrocarbon receptor (AHR) interacting protein (AIP) may have a positive role in AHR-mediated (aromatic hydrocarbon receptor) signaling, probably by influencing its receptivity for ligand and/or its nuclear targeting. AIP is a Cellular negative regulator of the hepatitis B virus (HBV) X protein. Furthermore, AIP is a ubiquitously expressed protein, which binds to HSP 90 and AHR through a highly conserved carboxy-terminal tetraticopeptide repeat domain.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
AIP protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 10% glycerol.	
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 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MADIIARLRE DGIQKRVIQE GRGELPDFQD GTKATFHYRT LHSDDEGTVL DDSRARGKPM ELIIGKKFKL PVWETIVCTM REGEIAQFLC DIKHVVLYPL VAKSLRNIAV GKDPLEGQRH CCGVAQMREH SSLGHADLDA LQQNPQPLIF HMEMLKVESP GTYQQDPWAM TDEEKAKAVP LIHQEGNRLY REGHVKEAAA KYYDAIACLK NLQMKEQPGS PEWIQLDKQI TPLLLNYCQC KLVVEEYYEV LDHCSSILNK	

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YDDNVKAYFK RGKAHAAVWN AQEAQADFAK VLELDPALAP VVSRELRALE ARIRQKDEED KARFRGIFSH.

Precautions

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

Target Information: (O00170)