

## 32-3174: AIP Recombinant Protein

**Alternative Name :** 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.

### Description

Source : Escherichia Coli. AIP Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 350 amino acids (1-330 a.a.) and having a molecular mass of 39.8kDa.AIP is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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 tetratricopeptide repeat domain.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 90.0% as determined by SDS-PAGE.  
**Content :** AIP protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 10% glycerol.  
**Storage condition :** 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.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MADIARLRE DGIQKRVIQE GRGELPDFQD GTKATFHYRT  
 LHSDDGTVL DDSRARGKPM ELIIGKKFKL PVWETIVCTM REGEIAQFLC DIKHVVLYPL  
 VAKSLRNIAV GKDPLEGQRH CCGVAQMREH SSLGHADLDA LQQNPQPLIF HMEMLKVESP  
 GTYQQDPWAM TDEEKAKAVP LIHQEGNRLY REGHVKEAAA KYDAIACLK NLQMKEQPGS  
 PEWIQLDKQI TPLLLNYCQC KLVVEEYEV LDHCSSILNK YDDNVKAYFK RGKAHAAVWN  
 AQEAQADFAK VLELDPALAP VVSRELRALE ARIRQKDEED KARFRGIFSH.

