AIP, 1-330aa, Human, His tag, E.coli

Cat.NO.: TP01099

3th Edition

Synonyms: Aryl hydrocarbon receptor interacting protein, ARA9, FKBP37, XAP2

Description: Aryl hydrocarbon receptor (AHR) interacting protein, also known as AIP, may play a positive role in AHR-mediated (aromatic hydrocarbon receptor) signaling, possibly by influencing its receptivity for ligand and/or its nuclear targeting.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol

Molecular Weight:39.8 kDa (350aa), confirmed by MALDI-TOF

Sequences:
MGSSHHHHHHSSGLVPRGSHMADIIARLREDGIQKRVIQEGRGELPDFQDGTKATFHYRTLHSDDEGTVLDDSRA
RGKPMELIIGKKFKLPVWETIVCTMREGEIAQFLCDIKHVVLYPLVAKSLRNIAVGKDPLEGQRHCCGVAQMREHSS
LGHADLDALQQNPQPLIFHMEMLKVESPGTYQQDPWAMTDEEKAKAVPLIHQEGNRLYREGHVKEAAAKYYDAIA
CLKNLQMKEQPGSPEWIQLDKQITPLLLNYCQCKLVVEEYYEVLDHCSSILNKYDDNVKAYFKRGKAHAAVWNAQE
AQADFAKVLELDPALAPVVSRELRALEARIRQKDEEDKARFRGIFSH

Purity:> 95% by HPLC

Concentration:1 mg/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.