

Full-Length

AIP (Human) Recombinant Protein

Catalog # P3724

Size 100 ug

Specification

Product Description	Human AIP (AAI04828, 1 a.a. - 330 a.a.) full-length recombinant protein with His tag expressed in <i>Escherichia coli</i> .
Sequence	MGSSHHHHHHSSGLVPRGSHMADIARLREDGIQKRVIQEGRGELPDFQDGTKATFHYRTLHSDDEGTVLDDSRARGKPMELIIGKKFKLPVWETVCTMREGEIAQFLCDIKHVVLVPLVAKSLRNIAVGKDPLEGQRHCCGVAQMREHSSLGHADLDALQQNPQPLIFHMEMLKVESPGTYQQDPWAMTDEEKAKAVPLIHQEGNRLYREGHVKEAAAKYYDAIACLNLMKEQPGSPEWIQLDKQITPLLLNYCQCKLVVEEYYEVLDCSSILNKYDDNVKAYFKRGKAHAAVWNAQEAQADFAKVELELDPALAPVVSRELRALEARIRQKDEEDKARFRGIFSH
Host	Escherichia coli
Theoretical MW (kDa)	39.8
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purification	Conventional Chromatography
Concentration	1 mg/mL
Purity	> 90% by SDS-PAGE
Storage Buffer	In 20 mM Tris-HCl buffer, pH 8.0 (1 mM DTT, 10% glycerol).
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — AIP

Entrez GeneID [9049](#)

Protein Accession# [AAI04828](#)

Gene Name AIP

Gene Alias ARA9, FKBP16, FKBP37, SMTPHN, XAP2

Gene Description aryl hydrocarbon receptor interacting protein

Omim ID [102200 605555](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a receptor for aryl hydrocarbons and a ligand-activated transcription factor. The encoded protein is found in the cytoplasm as part of a multiprotein complex, but upon binding of ligand is transported to the nucleus. This protein can regulate the expression of many xenobiotic metabolizing enzymes. Also, the encoded protein can bind specifically to and inhibit the activity of hepatitis B virus. [provided by RefSeq]

Other Designations HBV-X associated protein|aryl hydrocarbon receptor-interacting protein

Disease

- [Acromegaly](#)
- [Adenoma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colorectal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Growth Hormone-Secreting Pituitary Adenoma](#)
- [Hyperparathyroidism](#)
- [Multiple endocrine neoplasia](#)

- [Multiple Endocrine Neoplasia Type 1](#)
- [Parathyroid Neoplasms](#)
- [Pituitary Neoplasms](#)
- [Prolactinoma](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Thyroid Neoplasms](#)