

## Product datasheet for TP311157L

### ARA9 (AIP) (NM\_003977) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human aryl hydrocarbon receptor interacting protein (AIP), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211157 protein sequence Red=Cloning site Green=Tags(s)

MADIIARLREDGIQKRVIQEGRGELPDFQDGTKATFHRYRTLHSDDEGTVLDDSRARGKPMELIIGKKFKL  
PVWETIVCTMREGEIAQFLCDIKHVLYPLVAKSLRNIAVGKDPLEGQRHCCGVAQMREHSSLGHADLDA  
LQQNPQPLIFHMEMLKVESPGTYQQDPWAMTDEEKAKAVPLIHQEGNRLYREGHVKEAAKYYDAIACKL  
NLQMKEQPGSPEWIQLDKQITPLLLNYCCKLVVEEYEVLDHCSSILNKYDDNVKAYFKRGKAHAAVWN  
AQEAQADFQVLELDPALAPVVSRELRALEARIRQKDEEDKARFRGIFSH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	37.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_003968</a>
Locus ID:	9049



[View online »](#)

UniProt ID: [Q00170](#), [G9I2H4](#)

RefSeq Size: 1250

Cytogenetics: 11q13.2

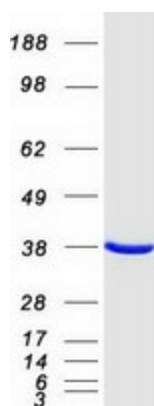
RefSeq ORF: 990

Synonyms: ARA9; FKBP16; FKBP37; PITA1; SMTPHN; XAP-2; XAP2

**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. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2014]

**Protein Families:** Druggable Genome, Transcription Factors

### Product images:



Coomassie blue staining of purified AIP protein (Cat# [TP311157]). The protein was produced from HEK293T cells transfected with AIP cDNA clone (Cat# [RC211157]) using MegaTran 2.0 (Cat# [TT210002]).