

Recombinant Human AIP Protein, GST-tagged

Cat. No. AIP-479H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AIP partial ORF (NP_003968.1, 156 a.a. - 249 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	36.08 kDa
AA Sequence	KVESPGTYQQDPWAMTDEEKAKAVPLIHQEGNRLYREGHVKEAAAKYYDAIACLKN LQMKEQPGSPEWIQLDKQITPLLLNYCQCKLVVEEYYE
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	AIP aryl hydrocarbon receptor interacting protein [Homo sapiens]
Official Symbol	AIP
Synonyms	AIP; aryl hydrocarbon receptor interacting protein; AH receptor-interacting protein; ARA9; FKBP16; XAP2; immunophilin homolog ARA9; HBV X-associated protein 2; XAP-2; FKBP37; SMTPHN;
Gene ID	9049
mRNA Refseq	NM_003977
Protein Refseq	NP_003968
MIM	605555
UniProt ID	O00170

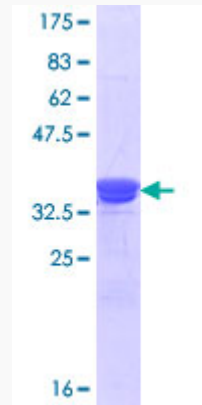
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Quality Control

Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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