

Recombinant Full Length Human AHRR Protein, GST-tagged

Cat. No. AHRR-950HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AHRR full-length ORF (AAI60162.1, 1 a.a. - 719 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	719 amino acids
Description	The protein encoded by this gene participates in the aryl hydrocarbon receptor (AhR) signaling cascade, which mediates dioxin toxicity, and is involved in regulation of cell growth and differentiation. It functions as a feedback modulator by repressing AhR-dependent gene expression. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jun 2011]
Molecular Mass	79.1 kDa
AA Sequence	MPRTMIPPGE CTYAGRKRRR PLQKQRPAVG AEKSNPSKRH RDRLNAELDH LASLLPFPDP IISKLDKLSV LRLSVSYLRV KSFFQVVQEQ SSRQPAAGAP SPGDSCPLAG SAVLEGRLLL ESLNGFALVV SAEGTIFYAS ATIVDYLGFH QTDVMHQNIY DYIHVDDRQD FCRQLHWAMD PPQVVFQPP PLETGDDAIL GRLLRAQEWG TGTPTEYSAF LTRCFICRVR CLLDSTSGFL ARGSQAWQLR LCCPEPLMTM QFQGKLKFLF GQKKKAPSGA MLPPRLSLFC IAAPVLLPSA AEMKMRSALL RAKPRADTAA TADAKVKATT SLCESELHGK PNYSAGRSSR ESGVLVLREQ TDAGRWAQVP ARAPCLCLRG GPDVLVDPKG GSGDREEEQH

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RMLSRASGVT GRRETPGPTK PLPWTAGKHS EDGARPRLQP SKNDPPSLRP
 MPRGSCCLPCP CVQGTFRNSP ISHPPSPSPS AYSSRTSRPM RDVGEDQVHP
 PLCHFPQ RSL QHQLPQPGAQ RFATR GYPME DMKLQGV PMP PGDL CGPTLL
 LDVSIKMEKD SGCEGAADGC VPSQVWLGAS DRSHPATFPT RMHLKTEPDS
 RQQVYISHLG HGVRGAQPHG RATAGRSREL TPFHPAHCAC LEPTDGLPQS
 EPPHQLCARG RGEQSCTCRA AEAAPVVKRE PLDSPQWATH SQGMVPGMLP
 KSALATLVPP QASGCTFLP

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Storage

Store at -80 centigrade. 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

AHRR aryl-hydrocarbon receptor repressor [Homo sapiens]

Official Symbol

AHRR

Synonyms

AHRR; aryl-hydrocarbon receptor repressor; AHH, AHHR, aryl hydrocarbon receptor regulator; aryl hydrocarbon receptor repressor; bHLHe77; KIAA1234; ahR repressor; dioxin receptor repressor; aryl hydrocarbon hydroxylase regulator; class E basic helix-loop-helix protein 77; AHH; AHHR; MGC167813; MGC176630

Gene ID

57491

mRNA Refseq

NM_001242412

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Protein Refseq	NP_001229341
MIM	606517
UniProt ID	A9YTQ3

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