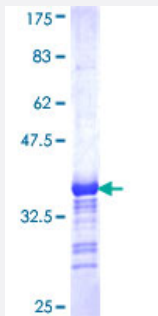


AHRR (Human) Recombinant Protein (Q01)

Catalog # H00057491-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human AHRR partial ORF (NP_065782, 617 a.a. - 715 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	RATAGRSRELTPFHPAHCACLEPTDGLPQSEPPHQLCARGRGEQSCTCRAAEAAPVVKREPLD SPQWATHSQGMVPGMLPKSALATLVPPQASGCTFLP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (58); Rat (58)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — AHRR

Entrez GeneID [57491](#)

GeneBank Accession# [NM_020731](#)

Protein Accession# [NP_065782](#)

Gene Name AHRR

Gene Alias AHH, AHHR, KIAA1234, MGC167813, MGC176630, bHLHe77

Gene Description aryl-hydrocarbon receptor repressor

Omim ID [606517](#)

Gene Ontology [Hyperlink](#)

Gene Summary Dioxin is a teratogen that exerts its effects through the arylhydrocarbon receptor in conjunction with the receptor's binding partner, arylhydrocarbon receptor nuclear translocator. The protein encoded by this gene represses signal transduction by the arylhydrocarbon receptor by competing with the arylhydrocarbon receptor nuclear translocator for binding to the arylhydrocarbon receptor. Expression of the repressor is stimulated by the receptor/translocator heterodimer, thereby regulating receptor function through a negative feedback mechanism. In addition, the encoded protein can bind to nuclear factor kappa-B. [provided by RefSeq]

Other Designations aryl hydrocarbon hydroxylase regulator|aryl hydrocarbon receptor regulator|arylhydrocarbon receptor repressor|dioxin receptor repressor

Disease

- [Adenocarcinoma](#)
- [Azoospermia](#)

- [Endometriosis](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Infertility](#)
- [Lung Neoplasms](#)
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- [Prostate cancer](#)
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- [Werner syndrome](#)