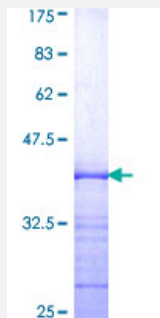


AHR (Human) Recombinant Protein (Q01)

Catalog # H00000196-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human AHR partial ORF (NP_001612, 721 a.a. - 820 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MGSFEPSPYPTTSSLEDFVTCLQLPENQKHGLNPQSAITPQTCYAGAVSMYQCQPEPQHHTVGGQ MQYNPVLPGQQAFLNKFQNGVLNETYPaelnninn
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (65)
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 — AHR

Entrez GeneID [196](#)

GeneBank Accession# [NM_001621](#)

Protein Accession# [NP_001612](#)

Gene Name AHR

Gene Alias bHLHe76

Gene Description aryl hydrocarbon receptor

Omim ID [600253](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a ligand-activated transcription factor involved in the regulation of biological responses to planar aromatic hydrocarbons. This receptor has been shown to regulate xenobiotic-metabolizing enzymes such as cytochrome P450. Its ligands included a variety of aromatic hydrocarbons. [provided by RefSeq]

Other Designations AH-receptor|aromatic hydrocarbon receptor

Disease

- [Abnormalities](#)
- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Breast cancer](#)

- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colorectal Neoplasms](#)
- [Dementia](#)
- [Diabetes Complications](#)
- [Disease Susceptibility](#)
- [DNA Damage](#)
- [Endometriosis](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Infertility](#)
- [Kidney Failure](#)
- [Laryngeal Neoplasms](#)
- [Lung carcinoma](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Metabolic Syndrome X](#)
- [Micronuclei](#)
- [Multiple Myeloma](#)
- [Neoplasms](#)
- [Occupational Diseases](#)

- [Oligospermia](#)
- [Osteoporosis](#)
- [Prostate cancer](#)
- [Pulmonary Disease](#)
- [Stomach Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)