

Recombinant Human AHR protein, GST-tagged

Cat. No. AHR-26267TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AHR(1 a.a. - 848 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
Protein Length	1 a.a. - 848 a.a.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	122.5 kDa
AA Sequence	MNSSSANITYASRKRRKPVQKTVKPIPAEGIKSNPSKRHRDRLNTELDRLASLLPFPQ DVINKLDKLSVLRLSVS YLRAKSFFDVALKSSPTERNGGQDNCRAANFREGLNLQE GEFLLQALNGFVLVTTDALVFYASSTIQDYLGFQQ SDVIHQSVYELIHTEDEAEFQR QLHWALNPSQCTESGQGIEEATGLPQTVVCYNPDQIPPENSPLMERCFCICRLR CLL DNSSGFLAMNFQGKLKYLHGQKKKGKDGSLPPQLALFAIATPLQPPSILEIRTKNFIF RTKHKLDFTPIGC DAKGRIVLGYTEAELCTRGSQYQFIHAADMLYCAESHIRMIKTGE SGMIVFRLLTKNNRWTWVQSNARLLYKNGR PDYIIVTQRPLTDEEGTEHLRKRNTK LPFMFTTGEAVLYEATNPFPAIMDPLPLRTKNGTSGKDSATTSTLSKDS LNPSSLLA AMMQQDESIYLYPASSTSSTAPFENNFFNESMNECRNWQDNTAPMGNDTILKHEQI DQPQDVNSFAG GHPGLFQDSKNSDLYSIMKNLIGIDFEDIRHMQNEKFFRNDFSGEV DFRDIDLTDEILTYVQDSLKSPFIPSDYQ QQQSLALNSSCMVQEHLHLEQQQQHH QKQVVVEPQQQLCQKMKHMQVNGMFENWNSNQFVPFNCPPQDPQQYNVF TDLH

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GISQEFYPYKSEMDSMPLYTQNFISCNQPVLPQHSKCTELDYPMGSFEPSPYPTTSSL
EDFVTCLQLPENQKH GLNPQSAITPQTCYAGAVSMYQCQPEPQHHTVHGQMQYNP
VLPGQQAFLNKFQNGVLNETYPAELNNINNTQTTT HLQPLHHPSEARPPDLTSSG
FL

Applications

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

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name

AHR aryl hydrocarbon receptor [Homo sapiens]

Official Symbol

AHR

Synonyms

AHR; aryl hydrocarbon receptor; bHLHe76; AH-receptor; ah receptor; aromatic
hydrocarbon receptor; class E basic helix-loop-helix protein 76;

Gene ID

196

mRNA Refseq

NM_001621

Protein Refseq

NP_001612

MIM

600253

UniProt ID

P35869

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Chromosome Location	7p15
Pathway	Adipogenesis, organism-specific biosystem;
Function	DNA binding; DNA binding; Hsp90 protein binding; ligand-activated sequence-specific DNA binding RNA polymerase II transcription factor activity; protein binding; protein dimerization activity; protein heterodimerization activity; receptor activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; sequence-specific distal enhancer binding RNA polymerase II transcription factor activity; signal transducer activity; transcription factor binding; transcription regulatory region DNA binding;