

Aryl Hydrocarbon Receptor (AhR) Recombinant Protein | AhR recombinant protein

Recombinant Aryl Hydrocarbon Receptor (AhR)

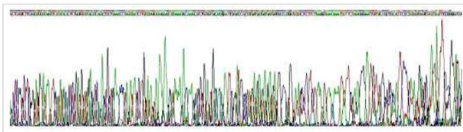
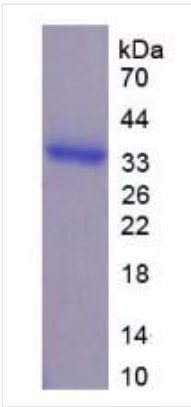
CATALOG # AAA134514	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Aryl Hydrocarbon Receptor (AhR); Recombinant Aryl Hydrocarbon Receptor (AhR); AhR recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 97%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 250ug/mL (varies by lot)
Applicable Applications for AhR recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Val128~Asn399
Tags	N-terminal His Tag
Subcellular Location	Nucleus, Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	8.1
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE

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VVT TDALVFYASS TIQDYLGFQQ
SDVIHQSVYE LIHTEDRAEF QRQLHWALNP SQCTESGQGI EEATGLPQTV
VCYNPDQIPP ENSPLMERCF ICRLRCLLDN SSGFLAMNFQ GKLYLHGQK
KKGKDGSIPL PQLALFAIAT PLQPPSILEI RTKNFIFRTK HKLDFTPIGC
DAKGRIVLGY TEAELCTRGS GYQFIHAADM LYCAESHIRM IKTGESGMIV
FRLLTKNNRW TWVQSNARLL YKNGRPDYII VTQRPLTDEE GTEHLRKRN
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Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502003
NCBI GeneID	196
NCBI GenBank Nucleotide #	NM_001621.4
Molecular Weight	Predicted Molecular Mass: 32.2kDa Accurate Molecular Mass: 35kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	aryl hydrocarbon receptor
NCBI Official Synonym Full Names	aryl hydrocarbon receptor
NCBI Official Symbol	AHR
NCBI Official Synonym Symbols	bHLHe76
NCBI Protein Information	aryl hydrocarbon receptor; AH-receptor; ah receptor; aromatic hydrocarbon receptor; class E basic helix-loop-helix protein 76
UniProt Protein Name	Aryl hydrocarbon receptor
UniProt Gene Name	AHR
UniProt Synonym Gene Names	BHLHE76; Ah receptor; AhR; bHLHe76
UniProt Entry Name	AHR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.