

Recombinant Human AHRR protein, His & GST-tagged

Cat. No. AHRR-1698H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human AHRR aa. (Met1~Pro182 (Accession # A9YTQ3)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Pro182
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 50.4kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Applications	SDS-PAGE; WB; ELISA; IP.

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Stability	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°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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.
Isoelectric Point	8.8

GENE INFORMATION

Gene Name	AHRR aryl-hydrocarbon receptor repressor [Homo sapiens (human)]
Official Symbol	AHRR
Synonyms	AHRR; aryl-hydrocarbon receptor repressor; AHH; AHHR; bHLHe77; aryl hydrocarbon receptor repressor; ahR repressor; aryl hydrocarbon hydroxylase regulator; class E basic helix-loop-helix protein 77; dioxin receptor repressor
Gene ID	57491
mRNA Refseq	NM_001242412.1
Protein Refseq	NP_001229341.1

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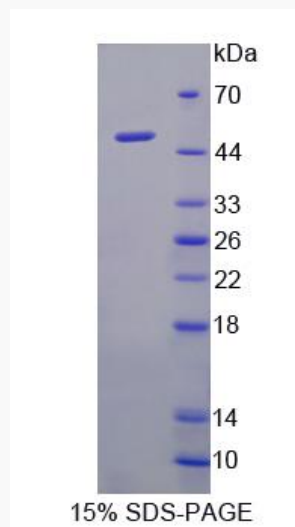
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UniProt ID

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SDS-PAGE

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