

Datasheet for ABIN7595953

Aryl Hydrocarbon Receptor Protein (AHR) (AA 1-848) (GST tag)



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Overview

Quantity:	2 µg
Target:	Aryl Hydrocarbon Receptor (AHR)
Protein Characteristics:	AA 1-848
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This Aryl Hydrocarbon Receptor protein is labelled with GST tag.
Application:	Western Blotting (WB), ELISA, Antibody Array (AA), Affinity Purification (AP)

Product Details

Purpose:	AHR (Human) Recombinant Protein (P01)
Sequence:	MNSSSANITY ASRKRRKPVQ KTVKPIPAEG IKSNPSCRHR DRLNTELDRL ASLLPFPQDV INKLDKLSVL RLSVSYLRAK SFFDVALKSS PTERNGGQDN CRAANFREGL NLQEGEFLLQ ALNGFVLVVT TDALVFYASS TIQDYLGFQQ SDVIHQSVYE LIHTEDRAEF QRQLHWALNP SQCTESGQGI EEATGLPQTV VCYNPDQIPP ENSPLMERC FICRLRCLLDN SSGFLAMNFQ GKLKYLHGQK KKGKDGSIPL PQLALFAIAT PLQPPSILEI RTKNFIFRTK HKLDFTPIGC DAKGRIVLGY TEAELCTGRS GYQFIHAADM LYCAESHIRM IKTGESGMIV FRLLTKNNRW TWVQSNARLL YKNGRPDYII VTQRPLTDEE GTEHLRKRNT KLPFMFTTGE AVL YEATNP PAIMDPLPLR TKNGTSGKDS ATTSTLSKDS LNPSSLLAAM MQQDESIYLY PASSTSSTAP FENFFNESM NECRNWQDNT APMGNDTILK HEQIDQPQDV NSFAGGHPGL FQDSKNSDL SIMKNLGIDF EDIRHMQNEK FFRNDFSGEV DFRDIDLTDE ILTYVQDSLS KSPFIPSDYQ QQQSLALNSS CMVQEHLHLE QQQQHHQKQV VVEPQQQLCQ KMKHMQVNGM FENWNSNQFV

Product Details

PFNCPQQDPQ QYNVFTDLHG ISQEFPYKSE MDSMPYTQNF ISCNQPVLPQ HSKCTELDYP
MGSFEPSPYP TTSSLEDFVT CLQLPENQKH GLNPQSAIT PQTCYAGAVS MYQCQPEPQH
THVGQMQYNP VLPGQQAFLN KFQNGVLNET YPAELNNINN TQTTTHLQPL HHPSEARPPF
DLTSSGFL

Characteristics:	Human AHR full-length ORF (AAH69390.1, 1 a.a. - 848 a.a.) recombinant protein with GST-tag at N-terminal.
Purification:	in vitro wheat germ expression system

Target Details

Target:	Aryl Hydrocarbon Receptor (AHR)
Alternative Name:	AHR (AHR Products)
Background:	Full Gene Name: aryl hydrocarbon receptor Synonyms: bHLHe76
Gene ID:	196
Pathways:	Regulation of Cell Size

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Preparation method: in vitro, wheat germ expression system Product Quality tested by: 12.5% SDS-PAGE Stained with Coomassie Blue.
Restrictions:	For Research Use only

Handling

Buffer:	50 mM Tris-HCl, 10 mM reduced Glutathione, pH =8.0 in the elution buffer.
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-80 °C
Storage Comment:	Best use within three months from the date of receipt of this protein.

Publications

Product cited in:	Saito, Miki, Hata, Takagi, Iida, Oba, Ono, Ishida, Suzuki, Ohuchi, Sasano: "Aryl hydrocarbon
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Publications

receptor in breast cancer—a newly defined prognostic marker." in: **Hormones & cancer**, Vol. 5, Issue 1, pp. 11-21, (2014) ([PubMed](#)).

van den Bogaard, Bergboer, Vonk-Bergers, van Vlijmen-Willems, Hato, van der Valk, Schröder, Joosten, Zeeuwen, Schalkwijk: "Coal tar induces AHR-dependent skin barrier repair in atopic dermatitis." in: **The Journal of clinical investigation**, Vol. 123, Issue 2, pp. 917-27, (2013) ([PubMed](#)).

Images

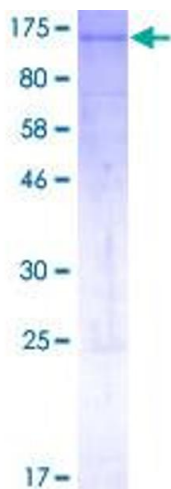


Image 1.