

RPB354Hu01 200µg Recombinant Aryl Hydrocarbon Receptor (AhR) Organism Species: *Homo sapiens (Human) Instruction manual*

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

Cond-Clone Corp.

[PROPERTIES]

Source: Prokaryotic expression Host: *E.coli* Residues: Val128-Asn399 Tags: N-terminal His Tag Subcellular Location: Nucleus, Cytoplasm Purity: > 90% Traits: Freeze-dried powder Buffer formulation: PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose. Original Concentration: 1000µg/mL Applications: Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.) Predicted isoelectric point: 8.1 Predicted Molecular Mass: 32.2kDa

Accurate Molecular Mass: 34kDa as determined by SDS-PAGE reducing conditions.

[<u>USAGE</u>]

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°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°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.

[SEQUENCE]

Cond-Clone Corp.

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

[IDENTIFICATION]

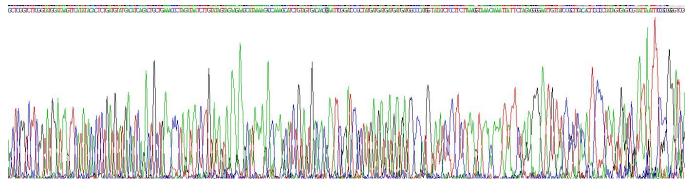


Figure . Gene Sequencing (extract)

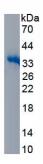


Figure. SDS-PAGE

[<u>IMPORTANT NOTE</u>]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.