Recombinant Aryl Hydrocarbon Receptor (AhR) Instruction Manual

SIPB749Hu01

Homo sapiens (Human)

Source Prokaryotic expression

Host E.coli

Endotoxin Level <1.0EU per 1µg (determined by the LAL method)

Subcellular Location Nucleus, Cytoplasm

Predicted Molecular Mass 32.2kDa

Accurate Molecular Mass 35kDa(Analysis of differences refer to the manual)

Residues & Tags Val128~Asn399 with N-terminal His Tag

Buffer Formulation PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

Traits Freeze-dried powder

Purity > 97% Isoelectric Point 8.1

Applications Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

		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	

USAGE

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

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

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.

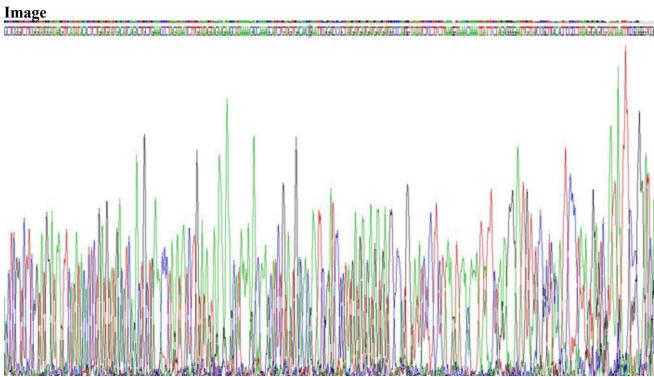


Figure. SDS-PAGE

[IMPORTANT NOTE]

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.