

**RPC044Mu01 50µg**  
**Recombinant Liver X Receptor Alpha (LXRα)**  
**Organism Species: Mus musculus (Mouse)**  
***Instruction manual***

FOR IN VITRO USE AND RESEARCH USE ONLY  
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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12th Edition (Revised in Aug, 2016)

## [ **PROPERTIES** ]

**Source:** Prokaryotic expression.

**Host:** *E. coli*

**Residues:** Asn93~Lys432

**Tags:** N-terminal His-Tag

**Tissue Specificity:** Liver, Kidney.

**Subcellular Location:** Nucleus.

**Purity:** >99%

**Traits:** Freeze-dried powder

**Buffer formulation:** 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.

**Original Concentration:** 200ug/mL

**Applications:** SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.

(May be suitable for use in other assays to be determined by the end user.)

**Predicted isoelectric point:** 8.6

**Predicted Molecular Mass:** 42.7kDa

**Accurate Molecular Mass:** 41kDa as determined by SDS-PAGE reducing conditions.

## [ **USAGE** ]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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.

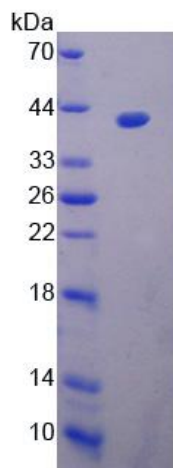
**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**[ SEQUENCE ]**

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                                                    NELCSVCG
DKASGFHYNV  LSCEGCKGFF  RRSVIKGARY  VCHSGGHCPM  DTYMRRKCQE
CRLRKCRQAG  MREECVLSEE  QIRLKKLKRQ  EEEQAQATSV  SPRVSSPPQV
LPQLSPEQLG  MIEKLVAQQ  QCNRRSFSDR  LRVTPWPIAP  DPQSREARQQ
RFAHFTELA  VSVQEIVDFA  KQLPGFLQLS  REDQIALLKT  SAIEVMLLET
SRRYNPGSES  ITFLKDFSYN  REDFAKAGLQ  VEFINPIFEF  SRAMNELQLN
DAEFALLIAI  SIFSADRPNV  QDQLQVERLQ  HTYVEALHAY  VSINHPHDPL
MFPRMLMKLV  SLRTLSSVHS  EQVFALRLQD  KK
    
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**[ IDENTIFICATION ]**



**Figure 1. SDS-PAGE**