

Liver X Receptor Alpha Recombinant Protein | LXRA recombinant protein

Recombinant Liver X Receptor Alpha (LXRA)

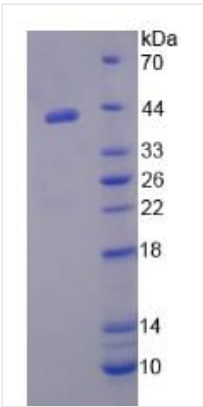
CATALOG # AAA144413	HOST E Coli	APPLICATIONS Immunoprecipitation, Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Liver X Receptor Alpha; Recombinant Liver X Receptor Alpha (LXRA); LXRA recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>99%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandT7-ta g,itsseque nceisliste dbelow. NELCSVCG DKASGFHYNV LSCGCKGFF RRSVIKGARY VCHSGGHCPM DTYMRRKCQE CRLRKCRQAG MREECVLSEE QIRLKKMKRQ EEEQAQATSA PPRASSPPQV LPQLSPEQLG MIEKLVAQAQ LCNRRSFSDQ LRVTPWPMAP DPQSREARQQ RFAHFTELAI VSVQEIVDFA KQLPGFLQLS REDQIALKKT SAIEVMLET SRRYNPGSES ITFLKDFSYN REDFAKAGLQ VEFINPIFEF SRAMNELQLN DAEFALLIAI SIFSADRPNV QDQLQVERLQ HTYVEALHAY VSIHHPDRL MFPRMLMKLV SLRTLSSVHS EQVFALRLQD KK
Sequence Length	447
Applicable Applications for LXRA recombinant protein	IP (Colmunoprecipitation), IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Source	Prokaryotic expression.
Residues	Asn95~Lys434
Tags	N-terminal His-Tag
Tissue Specificity	Liver
Subcellular Location	Nucleus
Traits	Freeze-dried powder
Predicted isoelectric point	8.6
Predicted Molecular Mass	42.8kDa
Accurate Molecular Mass	41kDa as determined by SDS-PAGE reducing conditions.
Uage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Buffer formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree 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 degree 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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                                         NELCSV
CGDKASGFHY NVLSCEGCKG FFRRSVIKGA RYVCHSGGHC PMDTYMRKRC
QECRLRKCQ  AGMREECVLS EEQIRLKKMK RQEEEAQAT  SAPPRASSPP
QVLPLSPEQ  LGHIEKLVAA  QQLCNRRSFS  DQLRVTPWPM  APDPQSREAR
QQRFAHFTL  AIVSVQEIVD  FAKQLPGFLQ  LSREDQIAL  KTSAIEVMLL
ETSRRYNPGS  ESITFLKDFS  YNREDFAKAG  LQVEFINPIF  EFSRAMNELQ
LNDAEFALLI  AISIFSADRP  NVQDQLQVER  LQHTYVEALH  AYSIHHPHD
RLMFPRLMK  LVSLRTLSSV  HSEQVFALRL  QDKK

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SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	216409704
NCBI GeneID	10062
NCBI Official Full Name	liver X receptor alpha
NCBI Official Synonym Full Names	nuclear receptor subfamily 1, group H, member 3
NCBI Official Symbol	NR1H3
NCBI Official Synonym Symbols	LXRA; LXR-a; RLD-1
NCBI Protein Information	oxysterols receptor LXR-alpha
UniProt Protein Name	Oxysterols receptor LXR-alpha
UniProt Gene Name	NR1H3
UniProt Synonym Gene Names	LXRA
UniProt Entry Name	NR1H3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.