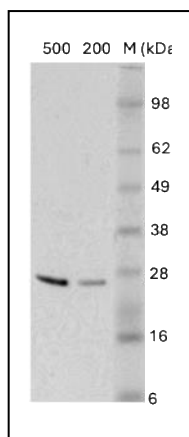


Recombinant LXR α -LBD Protein

Catalog Number	Size
AG1047-10	10ug
AG1047-25	25ug
AG1047-B	Bulk

Description



The of human liver X receptor alpha ligand-binding domain (LXR α -LBD) was expressed in the E coli expression system and purified by the combination of Ni-affinity column and other conventional chromatographic methods. The resulted protein contains 267 amino acids (34+233) with a 6His tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 27kDa.

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MGSSHHHHHHSSGLVPRGSHMASMTGGNNMGRGSEKLVAAQQQCNRSSFSD
RLRVTPWPMAPDPHSREARQQRFahfTELAIVSVQEIvDFAKQLPGFLQLS
REDQIALLKTSaIEVMLETSRRYNPGSESITFLKDFSYNREDFAKAGLQV
EFINPIFEFSRAMNELQLNDAEFALLIAISIFSADRPNVQDQLQVERLQHT
YVEALHAYVSIHHPHDRLMFPRMLMKLVSLRTLSSVHSEQVFALRLQDKKL
PPLLSEIWDVHE-
  
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Accession Number	NM_005693
Molecular Mass	Approximately 27kDa.
Purity	≥90%, as determined by SDS-PAGE.
Biological Activity	The recombinant LXR α -LBD protein can be used for the studies of transcription assays, protein-protein/protein-ligand interactions and other related function assays.
Formulation	20mM Tris-Cl (pH7.9), 20% glycerol 100mM NaCl, 1mM DTT and 1mM EDTA.
Storage	The protein sample can be stored under sterile conditions at 2-8°C for one month or at -20°C to -70°C for three months without detectable loss of activity. (Avoid repeated freeze-thaw cycle)

FOR RESEARCH USE ONLY!!!