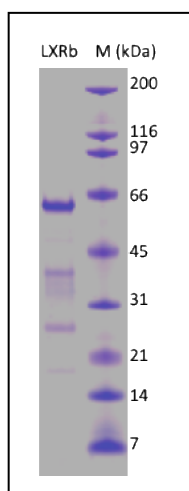


Recombinant LXR β Protein

Catalog Number	Size
AG1046-10	10ug
AG1046-25	25ug
AG1046-B	Bulk

Description



The of human liver X receptor beta (LXR β) 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 479 amino acids (19+460) with a 6His tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 60kDa.

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MGSSHHHHHHSSGLVPRGSHMSSPTTSSLDTPLPGNGPPQPGAPSSSP TVK
EEGPEPWPGGPD PDVPGTDEASSACSTDWVIPDPEEPPERKRKKGPAPKML
GHELCRVCGDKASGFHYNVLSCEGCKGFFRRSVVRGGARRYACRGGGTCQM
DAFMRRKCQQCRLRKCKEAGMREQCVLSEEQIRKKKIRKQQQESQSQSQSP
VGPQSSSSASGPGASPGGSEAGSQSGEGEGVQLTAAQELMIQQLVAAQL
QCNKRSFSDQPKVTPWPLGADPQSRDARQQRF AHFTELAIISVQEIVDFAK
QVPGFLQLGREDQIALLKASTIEIMLLETARRYNHETECITFLKDF TYSKD
DFHRAGLQVEFINPIFEFSRAMRRLGLDDAEYALLIAINIFSADRPNVQEP
GRVEALQQPYVEALLSYTRIKRPQDQLRFPRMLMKLVSLRTLSSVHSEQVF
ALRLQDKKL PPLLSEIWDVHE-
  
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Accession Number

NM_007121

Molecular Mass

Approximately 60kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

The LXR β is ubiquitously expressed and functions as a heterodimer with RXR regulating expression of target genes containing retinoid response elements. The recombinant LXR β 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!!!