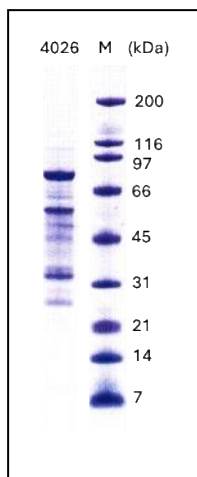


Recombinant GST-LXR β Protein

Catalog Number	Size
AG4026-10	10ug
AG4026-25	25ug
AG4026-B	Bulk

Description

The recombinant GST-LXR β protein was expressed in E coli and purified by the combination of glutathione Sepharose affinity column and other conventional chromatographic methods. The resulted protein contains 687 amino acids with a GST tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 80kDa.



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MSPILGYWKI KGLVQPTRLL LEYLEEKYEE HLYERDEGDK WRNKKFELGL
EFPNLPYYID GDVKLTQSMa IIRYIADKHN MLGGCPKERA EISMLEGAVL
DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH
PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIPOID KYLKSSKYIA
WPLQGWQATF GGGDHPPKSD LVPRGSHMSS PTTSSLDTPL PGNGPPQPGA
PSSSPTVKEE GPEPWPGGPD PDVPGTDEAS SACSTDWVIP DPEEPPERKR
KKGPAKMLG HELCRVCGDK ASGFHYNVLS CEGCKGFFRR SVVRGGARRY
ACRGGGTCQM DAFMRRKCQQ CRLRKCEAG MREQCVLSEE QIRKKKIRKQ
QQESQSQSQS PVGPQGSSSS ASGPGASPGG SEAGSQSGSE GEGVQLTAAQ
ELMIQQLVAA QLQCNKRSFS DQPKVTPWPL GADPQSRDAR QQRFAHFTel
AIISVQEIVD FAKQVPGFLO LGREDQIALl KASTIEIMLL ETARRYNHET
ECITFLKDFT YSKDDFHRAg LQVEFINPIF EFSRAMRRRL LDDAEYALLI
AINIFSADRP NVQEPGRVEA LQQPYVEALL SYTRIKRPQD QLRFPRLMLK
LVSLRTLSSV HSEQVFALRL QDKKLPLLS EIWDVHE-
  
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Accession Number

NM_007121

Molecular Mass

Approximately 80kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

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