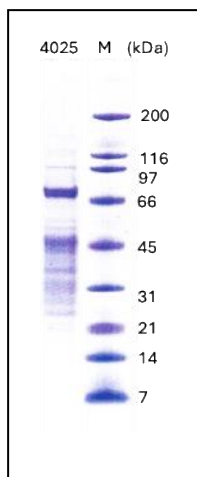


Recombinant GST-LXR α Protein

Catalog Number	Size
AG4025-10	10ug
AG4025-25	25ug
AG4025-B	Bulk

Description

The recombinant GST-LXR α 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 671 amino acids with a GST tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 75kDa.



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MSPILGYWKI KGLVQPTRL L LEYLEEKYEE HLYERDEGDK WRNKKFELGL
EFPNLPYYID GDVKLTQSM A IIRYIADKHN MLGGCPKERA EISMLEGAVL
DIRYGVSRIA YSKDFETLK V DFLSKLPEML KMFEDRLCHK TYLNGDHVTH
PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIQID KYLKSSKYIA
WPLQGWQATF GGGDHPPKSD LVPRGSLWLG APVPDIPDPS AVELWKPGAQ
DASSQAQGG S SCILREEAR M PHSAGGTAGV GLEAAEPTAL LTRAEPPEP
TEIRPQKRK K GPAPKMLGN E LCSVCGDKAS GFHYNVLSCE GCKGFFRRSV
IKGAHYICH S GGHCMPDM TYM RRKCQECRLR KCRQAGMREE CVLSEEQIRL
KKLKRQEE E AHATSLPP RA SSPQILPQL SPEQLGMIEK LVAAQQQCNR
RSFSDRLRV T PWPMPDPH S REARQQRFAH FTELAIVSVQ EIVDFAKQLP
GFLQLSRED Q IALLKTS AIE VMLLETSSRY NPGSESITFL KDFSYNREDF
AKAGLQVEF I NPIFEFSRA M NELQLNDAEF ALLIAISIFS ADRPNVQDQL
QVERLQHTY V EALHAYV SIH HPHDRLMFPR MLMKLVS LRT LSSVHSEQVF
ALRLQDKKL P PLLSEIWDV H E-
  
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Accession Number

NM_005693

Molecular Mass

Approximately 75kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

The LXR α protein functions as a heterodimer with RXR regulating expression of target genes containing retinoid response elements. The recombinant GST-LXR α 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!!!