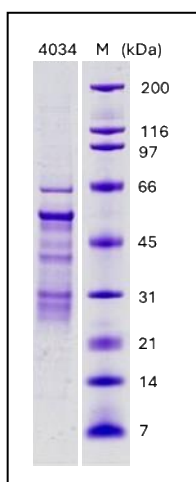


Recombinant GST-LXR β -LBD Protein

Catalog Number	Size
AG4034-10	10ug
AG4034-25	25ug
AG4034-B	Bulk

Description



The recombinant GST-LXR β -LBD (206-461) 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 484 amino acids with a GST tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 80kDa.

```

MSPILGYWKI KGLVQPTRLL LEYLEEKYEE HLYERDEGDK WRNKKFELGI
EFPNLPYYID GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL
DIRYGVSRIA YSKDFETLV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH
PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIQID KYLKSSKYIA
WPLQGWQATF GGGDHPPKSD LVPRGSHMEA GSQGSGELEG VQLTAAQELM
IQQLVAAQLQ CNKRSFSDQP KVTWPWPLGAD PQSRDARQQR FAHFTELAI
SVQEIVDFAK QVPGFLQLGR EDQIALLKAS TIEIMLETA RRYNHETECI
TFLKDFEYSK DDFHRAGLQV EFINPIFEFS RAMRRLGLDD AEYALLIAIN
IFSADRPNVQ EPGRVEALQQ PYVEALLSYT RIKRPQDQLR FPRMLMKLVS
LRTLSSVHSE QVFALRLQDK KLPPLLSEIW DVHE-
  
```

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 -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!!!