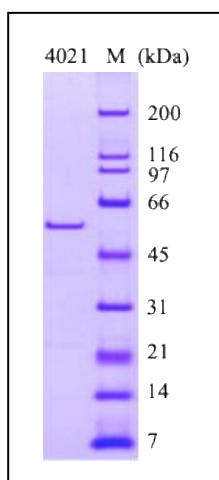


Recombinant GST-RXR α -LBD

Catalog Number	Size
AG4021-10	10ug
AG4021-25	25ug
AG4021-B	Bulk

Description

The recombinant GST-RXR α -LBD (198-462) was expressed in E coli and purified by the combination of glutathione Sepharose affinity column and other conventional chromatographic methods. The resulted protein contains 524 amino acids with a GST tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 58kDa.



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MSPILGYWKI KGLVQPTRL L LEYLEEKYEE HLYERDEGDK WRNKKFELGI
EFPNLPYYID GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL
DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH
PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIPQID KYLKSSKYIA
WPLQGWQATF GGGDHPPKSD LVPRGSPMGH MGSSPSLRSG SVGGAMSPSL
VPRGSPMGH GMKREAVQEE RQRGKDRNEN EVESTSSANE DMPVERILEA
ELAVEPKTET YVEANMGLNP SSPNDPVTNI CQAADKQLFT LVEWAKRIPH
FSELPLDDQV ILLRAGWNE L LIASFHRSI AVKDGILLAT GLHVHRNSAH
SAGVGAI FDR VLTELVS KMR DMQMDKTELG CLRAIVLFNP DSKGLSNPAE
VEALREKVYA SLEAYCKHKY PEQPGRF AKL LLRLPALRSI GLKCLEHLFF
FKLIGDTPID TFLMEMLEAP HQMT-
  
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Accession Number

NM_002957

Molecular Mass

Approximately 58kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

Retinoid X receptor alpha (RXR α) serves as a promiscuous heterodimerization partner for many nuclear receptors through the identity box, a 40-amino acid subregion within the ligand binding domain (LBD). Recombinant GST-RXR-LBD protein can be used for the studies of in vitro transcription, protein-ligand or protein-protein 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!!!