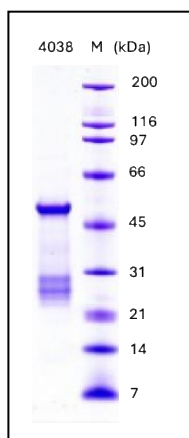


Recombinant GST-RAR β -LBD

Catalog Number	Size
AG4038-10	10ug
AG4038-25	25ug
AG4038-B	Bulk

Description



The GST-RAR β -LBD (173-410) protein was expressed in the E coli system and purified by the combination of glutathione Sepharose affinity column and other conventional chromatographic methods. The resulted protein contains 468 amino acids with a GST tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 52kDa.

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MSPI LGYWKI KGLVQPTRLL LEYLEEKYEE HLYERDEGDK WRNKKFELGL
EFPNLPYYID GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL
DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH
PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIQID KYLKSSKYIA
WPLQGWQATF GGGDHPPKSD LVPRGSPMGH MTAELDDLTE KIRKAHQETF
PSLCQLGKYT TNSSADHRVR LDLGLWDKFS ELATKCIKI VEFAKRLPGF
TGLTIADQIT LLKAACLDIL ILRICTRYTP EQDTMTFSDG LTINRTQMHN
AGFGPLTDLV FTFANQLLPL EMDDTETGLL SAICLICGDR QDLEPTKVD
KLQEPLLEAL KIYIRKRKRS KPHMF PKILM KITDLRSISA KGAERVITLK
MEIPGSM PPL IQEMLENS-
  
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Accession Number

NM_000965

Molecular Mass

Approximately 52kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

RAR β regulates transcription in ligand-dependent manner and mediates cellular signaling in embryonic morphogenesis, cell growth and differentiation. The recombinant GST-RAR β -LBD protein can be used for the studies of transcription assays, protein-protein or 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!!!