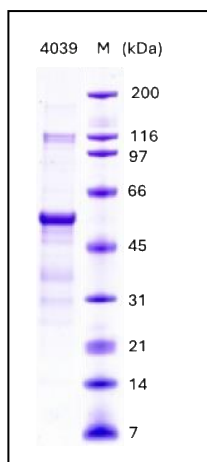


Recombinant GST-RAR γ -LBD

Catalog Number	Size
AG4039-10	10ug
AG4039-25	25ug
AG4039-B	Bulk

Description

The IGST- RAR γ -LBD (154-415) 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 491 amino acids with a GST tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 55kDa.



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MSPILGYWKI KGLVQPTRLL LEYLEEKYEE HLYERDEGDK WRNKKFELGL
EFPNLPYYID GDVKLTQSM IIRYIADKHN MLGGCPKERA EISMLEGAVL
DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH
PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIQID KYLKSSKYIA
WPLQGWAQTF GGGDHPPKSD LVPRGSPMGH MSKEAVRNDR NKKKKEVKEE
GSPDSYELSP QLEELITKVS KAHQETFPSP CQLGKYTTNS SADHRVQLDL
GLWDFSELA TKCIKIVEF AKRLPGFTGL SIADQITLLK AACLDILMLR
ICTRYTPEQD TMTFSDGLTL NRTQMHNAGF GPLTDLVFAF AGQLPLEMD
DTETGLLSAI CLICGDRMDL EEPEKVVKLQ EPLLEALRLY ARRRPSQPY
MFRMLMKIT DLRGISTKGA ERAITLKMEI PGPMPLIRE M-

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Accession Number

NM_000966

Molecular Mass

Approximately 55kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

Retinoic acid receptor gamma (RAR γ) functions as a transcription factor regulating transcription by binding to the retinoic acid responsive elements (RARE) of the target gene in a ligand-dependent manner. The recombinant GST-RAR γ -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!!!