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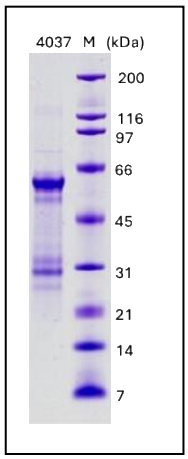
Recombinant GST-RARα-LBD

Catalog Number	Size
AG4037-10	10ug
AG4037-25	25ug
AG4037-B	Bulk

Description

The GST-RARα-LBD (154-462) was expressed in the baculovirus system and purified by the combination of glutathione Sepharose affinity column and other conventional chromatographic methods. The resulted protein contains 509 amino acids with a GST tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 60kDa.



MSPILGYWKI KGLVQPTRLL LEYLEEKYEE HLYERDEGDK WRNKKFELGL
EFPNLPYYID GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL
DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH
PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIPQID KYLKSSKYIA
WPLQGWQATF GGGDHPPKSD LVPRGSPMGH MGELIEKVRK AHQETFPALC
QLGKYTTNNS SEQRVSLDID LWDKFSELST KCIIKTVEFA KQLPGFTTLT
IADQITLLKA ACLDILILRI CTRYTPEQDT MTFSDGLTLN RTQMHNAGFG
PLTDLVFAFA NQLLPLEMDD AETGLLSAIC LICGDRQDLE QPDRVDMLQE
PLLEALKVYV RKRRPSRPHM FPKMLMKITD LRSISAKGAE RVITLKMEIP
GSMPPLIQEM LENSEGLDTL SGQPGGGGRD GGGLAPPPGS CSPSLSPSSN
RSSPATHSP-

Accession Number NM_000964

Molecular Mass Approximately 60kDa.

Purity ≥90%, as determined by SDS-PAGE.

Biological Activity Retinoic acid receptor alpha (RARα) functions as a transcription factor regulating transcription in a ligand-dependent manner. It also implicates in regulation of development, differentiation, apoptosis and other pathways. The recombinant GST-RARα-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!!!