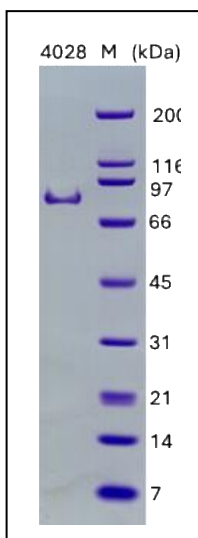


Recombinant GST-RAR γ Protein

Catalog Number	Size
AG4028-10	10ug
AG4028-25	25ug
AG4028-B	Bulk

Description

The recombinant GST-RAR γ 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 681 amino acids with a GST tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 80kDa.



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MSPILGYWKI KGLVQPTRLL LEYLEEKYEE HLYERDEGDK WRNKKFELGL
EFPNLPYYID GDVKLTQSM IIRYIADKHN MLGGCPKERA EISMLEGAVL
DIRYGVSRIA YSKDFETLV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH
PDFMLYDALD VVLYMDFMCL DAFPKLVCFK KRIEAIPQID KYLKSSKYIA
WPLOGWQATF GGGDHPPKSD LVPRGSHMAT NKERLFAAGA LGPGSGYPGA
GFPFAFPAL RGSPPFEMLS PSFRGLGQPD LPKEMASLSV ETQSTSSEEM
VPSSPSPPP PRVYKPCFVC NDKSSGYHYG VSSCEGCKGF FRSIQNMV
YTCHRDKNCI INKVTRNRCQ YCRLQKCFEV GMSKEAVRND RNKKKKEVKE
EGSPDSYELS PQLEELITKV SKAHQETFPS LCQLGKYTTN SSADHRVQLD
LGLWDKFSEL ATKCIKIVE FAKRLPGFTG LSIADQITLL KAACLDILML
RICTRYTPEQ DTMTFS DGLT LNRTQMHNAG FGPLTDLVFA FAGQLLPLEM
DDTETGLLSA ICLICGDRMD LEEPEKVDKL QEPLLEALRL YARRRRPSQP
YMFPRMLMKI TDLRGISTKG AERAITLKME IPGPMPLIR EMLNPPEMFE
DDSSQPGPHP NASSEDEVPG GQKGGLKSP A-

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Accession Number

NM_000966

Molecular Mass

Approximately 80kDa.

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 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!!!