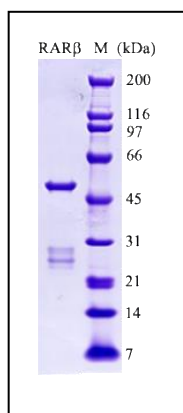


Recombinant RAR β Protein

Catalog Number	Size
AG1056-10	10ug
AG1056-25	25ug
AG1056-B	Bulk

Description

The recombinant retinoic acid receptor beta (RAR β) was expressed in the baculovirus system and purified by the combination of Ni-affinity column and other conventional chromatographic methods. The resulted protein contains 462 amino acids with a 6His tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 52kDa.



MHHHHHHGRRASVHMFDCMDVLSVSPGQILDFTASPSSCMLQEKALKAC
 FSGLTQTEWQHRHTAQSIETQSTSSEELVSPSPPLPPRVYKPCFVCQD
 KSSGYHYGVSAEGCKGFFRRSIQKNMIYTCHRDKNVCINKVTRNRCQYC
 RLQKCFEVGMSKESVRNDRNKKKKETSKQECTESYEMTAELEDDLTEKIRK
 AHQETFPSTLCQLGKYTTNSSADHRVRLDLGLWDKFSELATKCI IKIVEFA
 KRLPGFTGLTIADQITLLKAACLDILILRICTRYTPEQDTMTFSDGLTLN
 RTQMHNAGFGPLTDLVFTFANQLLPLEMDDTETGLLSAICLICGDRQDLE
 EPTKVDKLQEPLLEALKIYIRKRRPSKPHMFPKILMKITDLRSISAKGAE
 RVITLKMEIPGSMPLIQEMLENSEGHEPLTPSSSGNTAEHSPSISPSV
 ENSGVSQSPLVQ-

Accession Number

NM_000965

Molecular Mass

Approximately 52kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

Retinoic acid receptor beta (RAR β) binds retinoic acid mediating cellular signaling in embryonic morphogenesis, cell growth and differentiation. The recombinant RAR β 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!!!