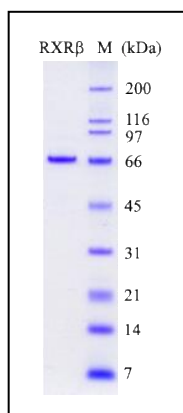


Recombinant RXR β Protein

Catalog Number	Size
AG1053-10	10ug
AG1053-25	25ug
AG1053-B	Bulk

Description

The recombinant Retinoid X Receptor beta (RXR 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 547 amino acids with a 6His tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 60kDa.



MHHHHHHGRRASVHMSWAARPPFLPQRHAAGQCGPVGVRKEMHCGVASRW
RRRRPWLDPAAAAAAAGVAGGEQQTPEPEPEGEAGRDGMGDSGRDSRSPDSS
SPNPLPQGVPPSPPGPLPPSTAPSLGGSGAPPPPPMPPPLGSPFPVI
SSSMGSPGLPPPAPPGFSGPVSSPQINSTVSLPGGGSGPPEDVKPPVLGV
RGLHCPPPPGGPGAGKRLCAICGDRSSGKHVYVSCGCKGFFKRTIRKD
LTYS CRDNKDCTVDKRQNRNCQYCRYQKCLATGMKREAVQEERQRGKDKD
GDGEGAGGAPEEMPVDRI LEAE LAVEQKSDQGVGEGPGGTGGSGSSPNDPV
TNICQAADKQLFTLVEWAKRIPHFS LPLDDQVILLRAGWNELLIASFSH
RSIDVRDGILLATGLHVHRNSAHSAGVGAI FDRVLT ELVSKMRDMRMDKT
ELGCLRAIILFNPDAGLSNPSEVEVLREKVYASLETYCKQKYPEQQGRF
AKLLLR LPA LR SIGLKC LEHLFFFKLIGDTPIDTFLMEMLEAPHQLA-

Accession Number	NM_021976
Molecular Mass	Approximately 60kDa.
Purity	≥90%, as determined by SDS-PAGE.
Biological Activity	Retinoid X Receptor beta (RXR β) functions as homo-/heterodimers with RXR, RAR, TR and VDR mediating the effects of retinoic acid. The recombinant RXR β protein is suitable 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!!!