



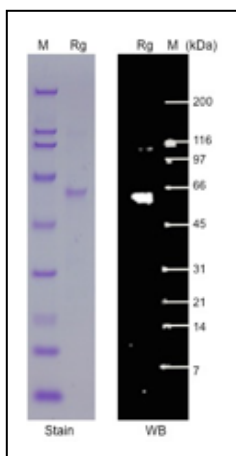
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Recombinant ROR γ (E coli)

Catalog Number	Size
AG218-10	10ug
AG218-25	25ug
AG218-B	Bulk

Description

The human nuclear receptor ROR-gamma (ROR γ /NR1F3) was expressed in the E coli system and purified by the combination of Ni-affinity column and other conventional chromatographic methods. The resulted protein contains 509 amino acids with a 6His tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 60kDa.



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MHHHHHHGGGEFMRTQIEVIPCKICGDKSSGIHYGVITCEGCKGFFRRSQ  
RCNAAYSCTRQQNCPIDRTSRNRCQHCR LQKCLALGMSRDAVKFGRMSKK  
QRDSLHAEVQKQLQQRQQQQQEPVVKTPPAGAQQADTLTYTLGLPDGQLP  
LGSSPDLPEASACPPGLLKASGSGPSYSNNLAKAGLNGASCHLEYS PERG  
KAEGRESFYSTGSQ LTPDRCGLRFEEHRHPGLGELGQGPDSYGSPSFRST  
PEAPYASLTEIEHLVQSVCKSYRETCQLRLEDLLRQRSNIFSRREEVTGYQ  
RKSMWEMWERCAHHLTEAIQYVVEFAKRLSGFMELCQNDQIVLLKAGAME  
VVLVRMCRAYNADNRTVFFEGKYGGMELFRALGCSELISSIFDFSHSLSA  
LHFSEDEIALY TALVLINAH RPGLQEK RVEQLQYNLELAFHHHLCCKTHR  
QSILAKLPPKGKLRSLCSQHVERLQIFQHLHPVVQAAFPPLYKELFSTE  
TESPVGLSK*
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Source

E coli

Molecular Mass

Approximately 60Da.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

The human nuclear receptor ROR gamma (ROR γ) is a DNA-binding transcription factor essential for lymphoid organogenesis. The recombinant ROR γ protein is suitable for the studies of transcription assays, protein-protein interaction 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!!!