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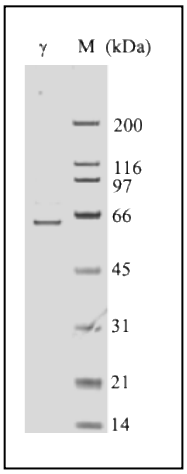
Catalog Number	Size
AG1050-10	10ug
AG1050-25	25ug
AG1050-B	Bulk

Recombinant PPARγ Protein

Description

The recombinant Peroxisome proliferator-activated receptor gamma (PPARγ) 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 519 amino acids with a 6His tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 60kDa.



MHHHHHHSSGLVPRGSGMKETAAAKFERQHMDSPDLGTDDDDKAMVDTEM
PFWPTNFGISSVDLSVMEDHSHSFDIKPFTTVDFSSISTPHYEDIPFTRT
DPVVADYKYDLKLQEYQSAIKVEPASPPYYSEKTQLYNKPHEEPSNSLMA
IECRVCGDKASGFHYGVHACEGCKGFFRRTIRLKLIYDRCDLNCRIHKKS
RNKCQYCRFQKCLAVGMSHNAIRFGRMPQAEKEKLLAEISSDIDQLNPES
ADLRALAKHLYDSYIKSFPLTKAKARAILTGKTTDKSPFVIYDMNSLMMG
EDKIKFKHITPLQEQSKEVAIRIFQGCQFRSVEAVQEITEYAKSIPGFVN
LDLNDQVTLLKYGVHEIIYTMLASLMNKDGVLISEGQGFMTREFLKSLRK
PFGDFMEPKFEFAVKFNALELDDSDLAIFIAVIILSGDRPGLLNVKPIED
IQDNLLQALELQLKLNHPESSQLFAKLLQKMTDLRQIVTEHVQLLQVIKK
TETDMSLHPLLQEIYKDLY-

Accession Number NM_138712

Molecular Mass Approximately 60kDa.

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

Biological Activity Peroxisome proliferator-activated receptor gamma (PPARγ) is a member of nuclear hormone receptor family and functions as a ligand-activated transcription factor. The recombinant PPARγ 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!!!