



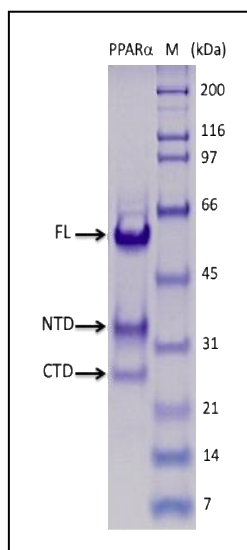
AscentGene, Inc.
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Recombinant PPAR α (E coli)

Catalog Number	Size
AG223-10	10ug
AG1223-25	25ug
AG1223-B	Bulk

Description

The recombinant Peroxisome proliferator-activated receptor alpha (PPAR α) 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 488 amino acids with a 6His tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 55kDa.



MGSSHHHHHSSGLVPRGSHMVDTESPLCPLSPLEAGDLESPLSEE
FLQEMGNIQEISQSIGEDSSGSFGFTEYQYLGSCPGSDGSVITDTL
SPASSPSSVTYPVVPGSVDESPGALNIECRICGDKASGYHYGVHA
CEGCKGFFRRTIRLKLVDKCDRCKIQKKNRNCQYCRFHKCLSV
GMSHNAIRFGRMPRSEKAKLKAELTCEHDIEDSETADLKSLAKRI
YEAYLKNFNMNKVKARVILSGKASNNPPFVIHDMETLCMAEKTIVA
KLVANGIQNKAEVRI FHCCQCTSVETVTELTEFAKAI PGFANLDL
NDQVTLLKYGVYEAIFAMLSSVMNKDGMLVAYGNGFITREFLKSRL
KPFCDIMEPKFDFAMKFNALELDDSDISLFVAAIICCGDRPGLLN
GHIEKMQEGIVHVLRLHLQSNHPDDIFLFPKLLQKMADLRQLVTEH
AQLVQIIKKTESDAALHPLLQEIYRDMY-

Source

E coli

Molecular Mass

Approximately 55kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

Peroxisome proliferator-activated receptor alpha (PPAR α) is a member of nuclear hormone receptor family and functions as a ligand-activated transcription factor. The recombinant PPAR α 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.



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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!!!