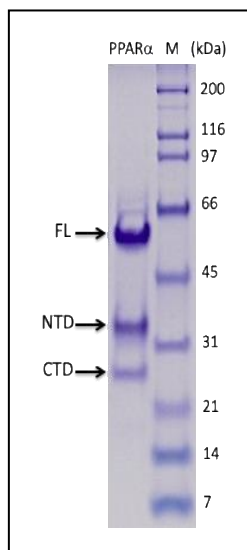


Recombinant PPAR α Protein

Catalog Number	Size
AG1048-10	10ug
AG1048-25	25ug
AG1048-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.



MGSSHHHHHHSSGLVPRGSHMVDTESPLCPLSPLEAGDLESPLSEE
FLQEMGNIQEISQSIGEDSSGSFGFTEYQYLGSCPGSDGSVITDTL
SPASSPSSVTYPVVPGSVDESPSGALNIECRICGDKASGYHYGVHA
CEGCKGFFRRTIRLKLVDKCDRCKIQKKNRNCQYCRFHKCLSV
GMSHNAIRFGRMPRSEKAKLKAELTCEHDIEDSETADLKSLAKRI
YEAYLKNFNMNKVKARVILSGKASNNPPFVIHDMETLCMAEKTIVA
KLVANGIQNKEAEVRI FHCCQCTSVETVTELTEFAKAI PGFANLDL
NDQVTLKYGVEAIFAMLSVMNKDGMVAYGNGFITREFLKSRL
KPFCDIMEPKFDFAMKFNALELDDSDISLFVAAIICCGDRPGLLN
GHIEKMQEGIVHVLRLHLQSNHPDDIFLFPKLLQKMADLRQLVTEH
AQLVQIIKKTESDAALHPLLQEIYRDMY-

Accession Number

NM_005036

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.

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!!!