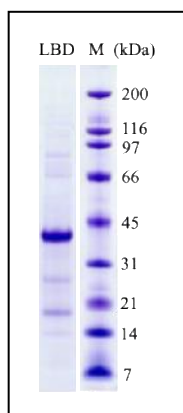


Recombinant PPAR α -LBD Protein

Catalog Number	Size
AG1063-10	10ug
AG1063-25	25ug
AG1063-B	Bulk

Description



The ligand-binding domain of the human peroxisome proliferator activated receptor alpha (PPAR α -LBD) 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 350 amino acids with a 6His tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 40kDa.

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MHHHHHHSSGLVPRGSGMKETAAAKFERQHMDSPDLGTDDDDKAMADIGS
NAIRFGRMPRSEKAKLKAEILTCEHDIEDSETADLKS LAKRIYEAYLKNF
NMNKVKARVILSGKASNNPPFVIHDMETLCMAEKT LVAKLVANGIQNKEA
EVRIFHCCQCTSVETVTELTEFAKAI PGFANLDLNDQVTLLKYGVYEAIF
AMLSSVMNKDGM LVAYGNGFITREFLKS LRPFC DIMEPKFDFAMKFNAL
ELDDSDISLFVAAI ICCGDRPGLLN VGHIEKMQEGIVHVLRLHLQSNHPD
DIFLFPKLLQKMADLRQLVTEHAQLVQI IKKTESDAALHPLLQEIYRDMY
```

Accession Number

NM_007122

Molecular Mass

Approximately 40kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

PPAR α is a member of the steroid hormone receptor family and functions as a transcription factor mediating the expression of target genes. The recombinant PPAR α -LBD protein can be used 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!!!