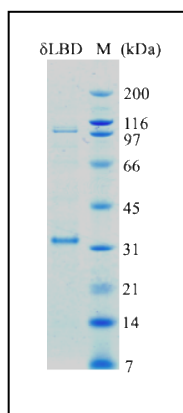


Recombinant PPAR δ -LBD Protein

Catalog Number	Size
AG1064-10	10ug
AG1064-25	25ug
AG1064-B	Bulk

Description



The ligand-binding domain of the human peroxisome proliferator activated receptor delta (PPAR δ -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 290 amino acids with a 6His tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 33kDa.

MKKGGHHHHHGLEGSQYNPQVADLKAFSKHIYNAYLKNFNMTKKKARSIL
 TKGASHTAPFVIHDIETLWQAEKGLVWKQLVNGLPYKEISVHVFYRCQC
 TTVETVRELTEFAKSIPSFSSFLNDQVTLLKYGVHEAIFAMLASIVNKD
 GLLVANGSGFVTREFLRSLRKPFSDIIEPKFEFAVKFNALELDDSDLALF
 IAAIILCGDRPGLMNVPRVEAIQDTILRALEFHLQANHPDAQYLFPKLLQ
 KMADLRQLVTEHAQMMQRIKKTETETETSLHPLLQEIYKDMY-

Accession Number

NM_006238

Molecular Mass

Approximately 33kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

PPAR δ functions as an integrator of transcriptional repression and nuclear receptor signaling. The recombinant PPAR δ -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!!!