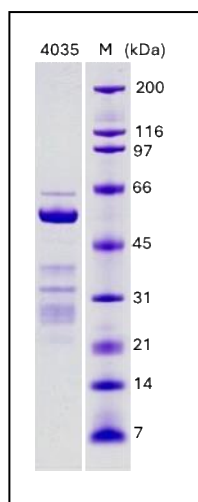


Recombinant GST-PPAR δ -LBD

Catalog Number	Size
AG4035-10	10ug
AG4035-25	25ug
AG4035-B	Bulk

Description



The recombinant GST-PPAR δ -LBD (165-461) protein was expressed in E coli and purified by the combination of glutathione Sepharose affinity column and other conventional chromatographic methods. The resulted protein contains 505 amino acids with a GST tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 55kDa.

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MSPILGYWKI KGLVQPTRLL LEYLEEKYEE HLYERDEGDK WRNKKFELGL
EFPNLPYYID GDVKLTQSM A IIRYIADKHN MLGGCPKERA EISMLEGAVL
DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH
PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIPQID KYLKSSKYIA
WPLQGWQATF GGGDHPPKSD LVPRGSHMGS QYNPQVADLK AFSKHIYNAY
LKNFNMTKKK ARSILTGKAS HTAPFVIHDI ETLWQAEKGL VWKQLVNGLP
PYKEISVHVF YRCQCTTVET VRELTEFAKS IPSFSSLFLN DQVTLKYG V
HEAIFAMLAS IVNKDGLLVA NGSGFVTREF LRSLRKPFSD IIEPKFEFAV
KFNALELDDS DLALFIAAII LCGDRPGLMN VPRVEAIQDT ILRALEFHLQ
ANHPDAQYLF PKLLQKMADL RQLVTEHAQM MQRIKKTETE TSLHPLLQEI
YKDMY-

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Accession Number

NM_006238

Molecular Mass

Approximately 55kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

Peroxisome proliferator-activated receptor delta (PPAR δ) functions as an integrator of transcriptional repression and nuclear receptor signaling. The recombinant GRST-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!!!