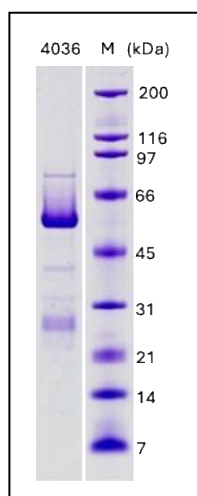


Recombinant GST-PPAR γ -LBD

Catalog Number	Size
AG4036-10	10ug
AG4036-25	25ug
AG4036-B	Bulk

Description

The recombinant GST-PPAR γ -LBD (204-477) protein was expressed in the E coli system 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 56kDa.



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MSPILGYWKI KGLVQPTRL L EYLEEKYEE HLYERDEGDK WRNKKFELGL
EFPNLPYYID GDVKLTQSM IIRYIADKHN MLGGCPKERA EISMLEGAVL
DIRYGVSRIA YSKDFETLV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH
PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIQID KYLKSSKYIA
WPLQGWQATF GGGDHPPKSD LVPRGSPMGH MLNPESADLR ALAKHLYDSY
IKSFPLTKAK ARAILTGKTT DKSPFVIYDM NSLMMGEDKI KFKHITPLQE
QSKEVAIRIF QGCQFRSVEA VQEITEYAKS IPGFVNLDLN DQVTLLKYGV
HEIIYTMLAS LMNKDGVLI EGGQFMTREF LKSLRKPFGE FMEPKFEFAV
KFNALELDDS DLAI FIAVII LSGDRPGLN VKPIEDIQDN LLQALELQLK
LNHPESQLF AKLLQKMTDL RQIVTEHVQL LQVIKKTETD MSLHPLLQEI
YKDLY*
  
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Accession Number

NM_138712

Molecular Mass

Approximately 56kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

PPAR γ is a regulator of adipocyte differentiation and has been implicated in the pathology of numerous diseases including obesity, diabetes and cancer. The recombinant GST-PPAR γ -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!!!