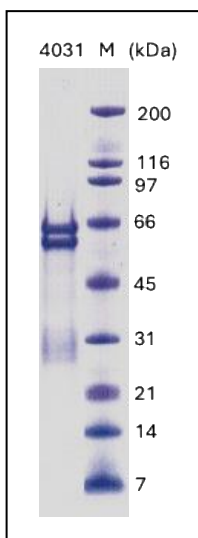


Recombinant GST-PPAR α -LBD

Catalog Number	Size
AG4031-10	10ug
AG4031-25	25ug
AG4031-B	Bulk

Description

The recombinant GST-PPAR α -LBD (169-468) 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 526 amino acids with a GST tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 65kDa.



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MSPILGYWKI KGLVQPTRLL LEYLEEKYEE HLYERDEGDK WRNKKFELGL
EFPNLPYYID GDVKLTQDMA IIRYIADKHN MLGGCPKERA EISMLEGAVL
DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH
PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIQID KYLKSSKYIA
WPLQGWQATF GGGDHPPKSD LVPRGSNAIR FGRMPRSEKA KLKAEILTCE
HDIEDSETAD LKSLAKRIYE AYLKNFNMNK VKARVILSGK ASNPPFFVIH
DMETLCMAEK TLVAKLVANG IQNKEAEVRI FHCCQCTSVE TVTELTEFAK
AIPGFANLDL NDQVTLKYG VYEAIFAMLS SVMNKDGMLV AYNGGFITRE
FLKSLRKPFK DIMEPKFDFA MKFNALELDD SDISLFVAAI ICCGDRPGLL
NVGHIEKMQE GIVHVLRLHL QSNHPDDIFL FPKLLQKMAD LRQLVTEHAQ
LVQIIKKTES DAALHPLLQE IYRDMY-

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Accession Number

NM_005036

Molecular Mass

Approximately 65kDa.

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 GST-PPAR α -LBD 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!!!