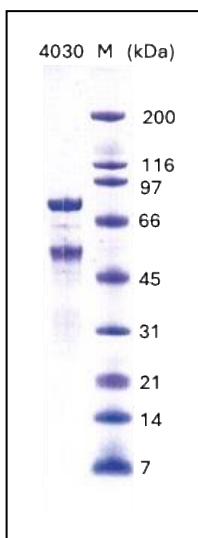


Recombinant GST-PPAR α Protein

Catalog Number	Size
AG4030-10	10ug
AG4030-25	25ug
AG4030-B	Bulk

Description

The recombinant GST-PPAR α 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 695 amino acids with a GST tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 80kDa.



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MSPILGYWKI KGLVQPTRLL LEYLEEKYEE HLYERDEGDK WRNKKFELGL
EFPNLPYYID GDVKLTQSM IIRYIADKHN MLGGCPKERA EISMLEGAVL
DIRYGVSRIA YSKDFETLV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH
PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIPOID KYLKSSKYIA
WPLQGWQATF GGGDHPPKSD LVPRGSHMVD TESPLCPLSP LEAGDLESPL
SEEFLOEMGN IQEISQSIGE DSSGSFGFTE YQYLGSCPGS DGSVITDTLS
PASSPSSVTY PVVPGSVDES PSGALNIECR ICGDKASGYH YGVHACEGCK
GFFRRTIRLK LVYDKCDRSC KIQKKNRNKC QYCRFHKCLS VGMASHNAIRF
GRMPRSEKAK LKAEILTCEH DIEDSETADL KSLAKRIYEA YLKNFNMNKV
KARVILSGKA SNNPPFVIHD METLCMAEKT LVAKLVANGI QNKEAEVRIF
HCCQCTSVET VTELTEFAKA IPGFANLDLN DQVTLLKYGV YEAI FAMLSS
VMNKDGMLVA YNGGFITREF LKSLRKPFCD IMEPKFDFAM KFNAL ELDDS
DISLFVA AII CCGDRPGLLN VGHIKMQEG IVHVLRLHLQ SNHPDDIFLF
PKLLQKMADL RQLVTEHAQL VQIIKKTESD AALHPLLQEI YRDMY-

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Accession Number

NM_005036

Molecular Mass

Approximately 80kDa.

Purity

 $\geq 90\%$, 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 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!!!