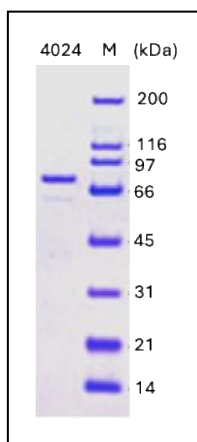


Recombinant GST-FXR Protein

Catalog Number	Size
AG4024-10	10ug
AG4024-25	25ug
AG4024-B	Bulk

Description

The recombinant GST-FXR 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 731 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 GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL
DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH
PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIQID KYLKSSKYIA
WPLQGWQATF GGGDHPPKSD LVPRGSPMGH MGSSPSLRSG SVGGAMSPSL
VPRGSPMGH M GSKMNLIEHS HLPTTDEFSF SENLFGVLTE QVAGPLGQNL
EVEPYSQYSN VQFPQVQPQI SSSSYYSNLG FYPQQPEEWY SPGIYELRRM
PAETLYQGET EVAEMPVTKK PRMGASAGRI KGDEL CVVCG DRASGYHYNA
LTCEGCKGFF RRSITKNAVY KCKNGGNCVM DMYMRRKCQE CRLRKCKEMG
MLAECLLTEI QCKSKRLRKN VKQHADQTVN EDSEGRDLRQ VTSTTKSCRE
KTELTPDQQT LLHFIMDSYN KQRMPEITN KILKEEFSAE ENFLILTEMA
TNHVQVLVEF TKKLPGFQTL DHEDQIALLK GSAVEAMFLR SAEIFNKKLP
SGHSDLLEER IRNSGISDEY ITPMFSFYKS IGELKMTQEE YALLTAIVIL
SPDRQYIKDR EAVEKLQEPL LDVLQKLCKI HQPENPQHFA CLLGRLTELR
TFNHHHAEML MSWRVNDHKF TPLLCEIWDV Q-

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Accession Number

U68233

Molecular Mass

Approximately 80kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

FXR protein functions as a heterodimer with RXR and binds to sequence elements in the promoters of target genes. The recombinant GST-FXR 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!!!