



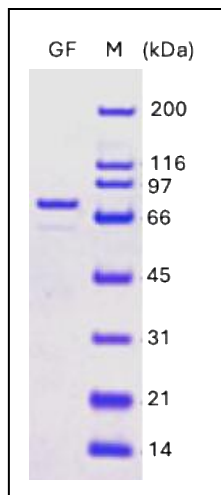
AscentGene, Inc.
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Recombinant GST-FXR (E coli)

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

Description

The recombinant GST-FXR (Farnesoid X-activated receptor) was expressed in E coli and purified by the combination of glutathione Sepharose affinity column and other conventional chromatographic methods. The resulted protein contains 702 amino acids with a GST tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 81kDa.



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MSPILGYWKI KGLVQPTRLL LEYLEEKYEE HLYERDEGDK WRNKKFELGL
EFPNLPYYID GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL
DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH
PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIPOID KYLKSSKYIA
WPLQGQWQATF GGGDHPPKSD LVPRGSPMGH MGSKMNLIEH SHLPTTDEFS
FSENLFQVLT EQVAGPLGQN LEVEPYSQYS NVQFPQVQPQ ISSSSYYSNL
GFYPPQQPEEW YSPGIYELRR MPAETLYQGE TEVAEMPVTK KPRMGASAGR
IKGDELCVVC GDRASGYHYN ALTCEGCKGF FRRSITKNAV YKCKNGGNCV
MDMYMRRKCQ ECRLRKCKEM GMLAECLLTE IQCKSKRLRK NVKQHADQTV
NEDSEGRDLR QVTSTTKSCR EKTELTPDQQ TLLHFIMDSY NKQRMPEIT
NKILKEEFS EENFLILTEM ATNHVQVLVE FTKKLPGFQT LDHEDQIAL
KGSAMEAMFL RSAEIFNKKL PSGHSDLLEE RIRNSGISDE YITPMFSFYK
SIGELKMTQE EYALLTAIVI LSPDRQYIKD REAVEKLQEP LLDVLQKLCK
IHQPENPQHF ACLLGRLTEL RTFNHHAEM LMSWRVNDHK FTPLLCEIWD
VQ

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Source

E coli

Molecular Mass

Approximately 81kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

Farnesoid X nuclear receptor (FXR) is a member of nuclear hormone receptor family and functions as a ligand-activated transcription factor. The recombinant GST-FXR 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.



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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!!!