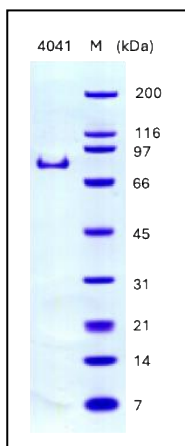


Recombinant GST-LRH1

Catalog Number	Size
AG4041-10	10ug
AG4041-25	25ug
AG4041-B	Bulk

Description

The GST-LRH1 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 773 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 KRIEAIPOID KYLKSSKYIA
WPLQGWAQTF GGGDHPPKSD LVPRGSPMGH MAMSSNSDTG DLQESLKHGL
TPIGAGLPDR HGSPIPARGR LVMLPKVETE ALGLARSHGE QGQMPENMQV
SQFKMVNYSY DEDLEELCPV CGDKVSGYHY GLLTCECKG FFKRTVQNNK
RYTCIENQNC QIDKTQRKRC PYCRFQKCLS VGMKLEAVRA DRMRGGRNKF
GPMYKRDRAL KQKKALIRA NGLKLEAMSQ VIQAMPSDLT ISSAIQNIHS
ASKGLPLNHA ALPPTDYDRS PFVTSPISMT MPPHGSLQGY QTYGHFPSRA
IKSEYPDPYT SSPESIMGYS YMSYQTSSP ASIPHLILEL LKCEPDEPQV
QAKIMAYLQQ EQANRSKHEK LSTFGLMCKM ADQTLFSIVE WARSSIFFRE
LKVDDQMKLL QNCWSELLIL DHIYRQVVHG KEGSIFLVTG QQVDYSIIAS
QAGATLNNLM SHAQELVAKL RSLQFDQREF VCLKFLVLFS LDVKNLENFQ
LVEGVQEQVN AALLDYTCMN YPQQTEKFGQ LLLRLPEIRA ISMQAEEYLY
YKHLNGDVPY NNLLIEMLHA KRA-

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Accession Number

NM_003822

Molecular Mass

Approximately 80kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

The liver receptor holmologue-1 (LRH1 or NR5A2) protein is a transcription regulator of the nuclear hormone receptor family that participates in a wide variety of process including cholesterol and glucose metabolism in the liver, regulation of proliferation vs differentiation decisions of neural progenitor/stem cells during nervous system development. The recombinant GST-LRH1 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.



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Tel: 1-800-689-2270 or 301-476-0885

Email: info@ascentgene.com

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!!!