

Recombinant Human NR5A2 / LRH1 protein ab82070

Description

Product name	Recombinant Human NR5A2 / LRH1 protein
Biological activity	1 unit equals 1 nanogram of purified protein.
Purity	> 95 % SDS-PAGE. Purified by affinity and FPLC chromatography.
Expression system	Baculovirus infected insect cells
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<p> MSSNSDTGDL QESLKHGLTP IGAGLPDRHG SPIPARGRLV MLPKVETEAL GLARSHGEQG QMPENMQVSQ FKMVNYSYDE DLEELCPVCG DKVSGYHYGL LTCESCKGFF KRTVQNNKRY TCIENQNCQI DKTQRKRCPY CRFQKCLSVG MKLEAVRADR MRGGRNKFGP MYKRDRALKQ QKKALIRANG LKLEAMSQVI QAMPSDLTIS SAIQNIHSAS KGLPLNHAAL PPTDYDRSPF VTSPISMTMP PHGSLQGYQT YGHFPSRAIK SEYPDPTSS PESIMGYSYM DSYQTSSPAS IPHLILELLK CEPDEPQVQA KIMAYLQQEQ ANRSKHEKLS TFGLMCKMAD QTLFSMEWA RSSIFFRELK VDDQMKLLQN CWSELLILDH IYRQVVGKE GSIFLVTGQQ VDYSIIASQA GATLNNLM SH AQELVAKLRS LQFDQREFVC LKFLVLFSLD VKNLENFQLV EGVQEQVNAA LLDYTCNYP QQTEKFGQLL LRLPEIRAI S MQAEEYL YK HLNGDVPYNN LLIEM LHAKR A </p>
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab82070** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications SDS-PAGE

Form	Liquid
Additional notes	1 unit equals 1 nanogram of purified protein.

Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.9 Constituents: 0.75% Potassium chloride, 0.0154% DTT, 0.316% Tris HCl, 0.00584% EDTA, 20% Glycerol (glycerin, glycerine)
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General Info

Function	Binds to the sequence element 5'-AACGACCGACCTTGAG-3' of the enhancer II of hepatitis B virus genes, a critical cis-element of their expression and regulation. May be responsible for the liver-specific activity of enhancer II, probably in combination with other hepatocyte transcription factors. Key regulator of cholesterol 7-alpha-hydroxylase gene (CYP7A) expression in liver. May also contribute to the regulation of pancreas-specific genes and play important roles in embryonic development.
Tissue specificity	Abundantly expressed in pancreas, less in liver, very low levels in heart and lung. Expressed in the Hep-G2 cell line. Isoform 1 and isoform 2 seem to be present in fetal and adult liver and Hep-G2 cells.
Sequence similarities	Belongs to the nuclear hormone receptor family. NR5 subfamily. Contains 1 nuclear receptor DNA-binding domain.
Cellular localization	Nucleus.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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