

Datasheet for ABIN5711587

NR1H4 Protein (AA 1-476, Isoform 3) (His-SUMO Tag)



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1 Image

Overview

Quantity:	100 µg
Target:	NR1H4
Protein Characteristics:	Isoform 3, AA 1-476
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This NR1H4 protein is labelled with His-SUMO Tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	<p>MGSKMNLIEH SHLPTTDEFS FSENLFGVLT EQVAGPLGQN LEVEPYSQYS NVQFPQVQPQ ISSSSYYSNL GFYPQQPEEW YSPGIYELRR MPAETLYQGE TEVAEMPVTK KPRMGASAGR IKGDELCVVC GDRASGYHYN ALTCEGCKGF FRRSITKNAV YKCKNGGNCV MDMYMRRKCQ ECRLRKCKEM GMLAECMYTG LLTEIQCKSK RLRKNVKQHA DQTVNEDSEG RDLRQVTSTT KSCREKTELT PDQQTLLHFI MDSYNKQRMP QEITNKILKE EFSAEENFLI LTEMATNHVQ VLVEFTKKLP GFQTLDHEDQ IALLKGSVAE AMFLRSAEIF NKKLPSGHSD LLEERIRNSG ISDEYITPMF SFYKSIGELK MTQEEYALLT AIVILSPDRQ YIKDREAVEK LQEPLLDVLQ KLCKIHQPEN PQHFACLLGR LTELRTFNHH HAEMLSWRV NDHKFTPLLC EIWDVQ</p>
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

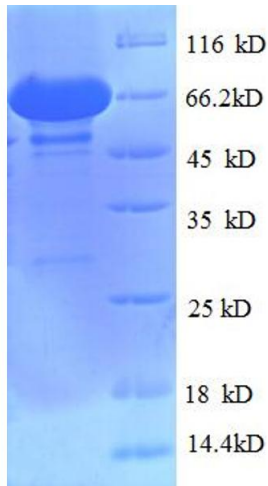
Target:	NR1H4
Alternative Name:	NR1H4 (NR1H4 Products)
Background:	Ligand-activated transcription factor. Receptor for bile acids such as chenodeoxycholic acid, lithocholic acid and deoxycholic acid. Represses the transcription of the cholesterol 7-alpha-hydroxylase gene (CYP7A1) through the induction of NR0B2 or FGF19 expression, via two distinct mechanisms. Activates the intestinal bile acid-binding protein (IBABP). Activates the transcription of bile salt export pump ABCB11 by directly recruiting histone methyltransferase CARM1 to this locus
Molecular Weight:	70.8 kDa
UniProt:	Q96R11
Pathways:	Nuclear Receptor Transcription Pathway , Steroid Hormone Mediated Signaling Pathway , Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1-2 mg/mL
Buffer:	20 mM Tris-HCl based buffer, pH 8.0
Storage:	-80 °C, 4 °C, -20 °C
Storage Comment:	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.



SDS-PAGE

Image 1.