

Recombinant Full Length Human NR2C2 Protein, GST-tagged

Cat. No. NR2C2-6737HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NR2C2 full-length ORF (AAH51670.1, 1 a.a. - 530 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	530 amino acids
Description	Members of the nuclear hormone receptor family, such as NR2C2, act as ligand-activated transcription factors. The proteins have an N-terminal transactivation domain, a central DNA-binding domain with 2 zinc fingers, and a ligand-binding domain at the C terminus. The activated receptor/ligand complex is translocated to the nucleus where it binds to hormone response elements of target genes (Yoshikawa et al., 1996 [PubMed 8661150]).[supplied by OMIM]
Molecular Mass	83.9 kDa
AA Sequence	MTSPSPRIQIIISTDSAVASPQRIQGSEPASGPLSVFTSLNKEKIVTDQQTGQKIQIVTA VDASGSPKQQFTLTSPDGAGTGKVLASPETSSAKQLIFTTSDNLVPGRIQIVTDSAS VERLLGKTDVQRPQVVEYCVVCGDKASGRHYGAVSCEGCKGFFKRSVRKNLTYS RSNQDCIINKHHRNRCQFCRLKKCLEMGMKMEVQSKRKPFQVQREKPSNCAAST EKIYIRKDLRSPLIATPTFVADKDGARQTGLLDPGMLVNIQQPLIREDGTVLLATDSKA ETSQGALGTLANVVTSLANLSESLNNGDTSEIQPEDQSASEITRAFDTLAKALNTTDS SSSPSLADGIDTSGGGSIHVISRQSTPIIEVEGPLLSDTHVTFKLTMPSPMPEYLVNH

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YICESASRLLFLSMHWARSIPAFQALGQDCNTSLVRACWNEFTLGLAQCAQVMSL
STILAAIVNHLQNSIQEDKLSGDRIKQVMEHIWKLQEFCNSMAKLDIDGYEYAYLKAIV
LFSPGKICGGDA

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

NR2C2 nuclear receptor subfamily 2, group C, member 2 [Homo sapiens]

Official Symbol

NR2C2

Synonyms

NR2C2; nuclear receptor subfamily 2, group C, member 2; TR4; nuclear receptor subfamily 2 group C member 2; hTAK1; TAK1; TR2R1; testicular receptor 4; orphan nuclear receptor TR4; Nuclear hormone receptor TR4; TR4 nuclear hormone receptor; orphan nuclear receptor TAK1; testicular nuclear receptor 4;

Gene ID

7182

mRNA Refseq

NM_003298

Protein Refseq

NP_003289

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MIM	601426
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UniProt ID	P49116
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