

Product datasheet for TP319184L

OriGene Technologies, Inc.

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NR2C2 (NM_003298) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human nuclear receptor subfamily 2, group C, member 2 (NR2C2), 1

mg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC219184 representing NM_003298 or AA Sequence: Red=Cloning site Green=Tags(s)

MTSPSPRIQIISTDSAVASPQRIQGSEPASGPLSVFTSLNKEKIVTDQQTGQKIQIVTAVDASGSPKQQF
ILTSPDGAGTGKVILASPETSSAKQLIFTTSDNLVPGRIQIVTDSASVERLLGKTDVQRPQVVEYCVVCG
DKASGRHYGAVSCEGCKGFFKRSVRKNLTYSCRSNQDCIINKHHRNRCQFCRLKKCLEMGMKMESVQSER
KPFDVQREKPSNCAASTEKIYIRKDLRSPLIATPTFVADKDGARQTGLLDPGMLVNIQQPLIREDGTVLL
ATDSKAETSQGALGTLANVVTSLANLSESLNNGDTSEIQPEDQSASEITRAFDTLAKALNTTDSSSSPSL
ADGIDTSGGGSIHVISRDQSTPIIEVEGPLLSDTHVTFKLTMPSPMPEYLNVHYICESASRLLFLSMHWA
RSIPAFQALGQDCNTSLVRACWNELFTLGLAQCAQVMSLSTILAAIVNHLQNSIQEDKLSGDRIKQVMEH
IWKLQEFCNSMAKLDIDGYEYAYLKAIVLFSPDHPGLTSTSQIEKFQEKAQMELQDYVQKTYSEDTYRLA
RILVRLPALRLMSSNITEELFFTGLIGNVSIDSIIPYILKMETAEYNGQITGASL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 67.2 kDa

Concentration: >0.05 μg/μL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional

chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.





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Stability: Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: NP 003289

Locus ID: 7182

UniProt ID: <u>P49116</u>, <u>F2YGU2</u>

RefSeq Size: 2416
Cytogenetics: 3p25.1
RefSeq ORF: 1845

Synonyms: TAK1; TR4

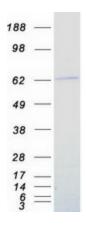
Summary: This gene encodes a protein that belongs to the nuclear hormone receptor family. Members

of this family act as ligand-activated transcription factors and function in many biological processes such as development, cellular differentiation and homeostasis. The activated receptor/ligand complex is translocated to the nucleus where it binds to hormone response elements of target genes. The protein encoded by this gene plays a role in protecting cells from oxidative stress and damage induced by ionizing radiation. The lack of a similar gene in mouse results in growth retardation, severe spinal curvature, subfertility, premature aging, and prostatic intraepithelial neoplasia (PIN) development. Alternative splicing results in multiple

transcript variants encoding different isoforms. [provided by RefSeq, Apr 2014]

Protein Families: Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

Product images:



Coomassie blue staining of purified NR2C2 protein (Cat# [TP319184]). The protein was produced from HEK293T cells transfected with NR2C2 cDNA clone (Cat# [RC219184]) using MegaTran 2.0 (Cat# [TT210002]).