

Product datasheet for TP319184M

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), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219184 representing NM_003298 Red =Cloning site Green =Tags(s)

MTSPSPRIQIISTDSAVASPQRIQGSEPASGPLSVFTSLNKEKIVTDQQTGQKIQIVTAVDASGSPKQQF
 ILTSPDGAGTGKVLASPETSSAKQLIFTSDNLVPGRIQIVTDSASVERLLGKTDVQRPQVVEYCVVCG
 DKASGRHYGAVSCEGCKGFFKRSVRKNLTYSRNSQDCIINKHHRNRCQFCRLKCKLEMGMKMESVQSER
 KPFDVQREKPSNCAASTEKIYIRKDLRSPLIATPTFVADKDGARQTGLLDPGMLVNIQQLPIREDGTVLL
 ATDSKAETSQGALGTLANVWVTSANLSESLNNGDTSEIQPEDQSASEITRAFDTLAKALNTTSSSSPSL
 ADGIDTSGGGSIHVISRQSTPIIEVEGPLLSDTHVTFKLTMPSPMPEYLNHVHYICESASRLLFLSMHWA
 RSIPAFQALGQDCNTSLVRACWNEFLTLGLAQCAQVMSLSTILAAIVNHLQNSIQEDKLSGDRIKQVMEH
 IWKLQEFNCNSMAKLDIDGYEYAYLKAVLFSFDHPGLTSTSQIEKFQEKQAMELQDYVQKTYSEDTYRLA
 RILVRLPALRLMSSNITEELFFTGLIGNVSIDSIIPIYILKMETAEYNGQITGASL

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: [P49116](#), [F2YGU2](#)

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]).