

Product datasheet for TP521079

Nr2c2 (NM_011630) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse nuclear receptor subfamily 2, group C, member 2 (Nr2c2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR221079 protein sequence Red=Cloning site Green=Tags(s)

MTSPSPRIQIISTDSAVASPQRIQIVTDQQTGQKIQIVTAVDASGSSKQQFILTSPDGAGTGKVLASPE
TSSAKQLIFTTSDNLVPGRIQIVTDSASVERLLGKADVQRQVVEYCVCGDKASGRHYGAVSCEGCKGF
FKRSVRKNLTYSCRSSQDCIINKHHRNRCQFCRLKKCLEMGMKMESVQSERKPFQREKPSNCAASTEK
IYIRKDLRSPLIATPTFVADKDGARQTGLLDPGMLVNIQQPLIREDGTVLLAADSKAETSQGALGLANV
VTSLANLSESLNNGDASEMQPEDQSASEITRAFDTLAKALNTTDSASPPSLADGIDASGGGSIHVSRDQ
STPIIEVEGPLLSDTHVTFKLTMPSPMPEYLNHVHICESASRLLFLSMHWARSIPAFQALGQDCNTSLVR
ACWNELFTLGLAQCAQVMSLSTILAAIVNHLQNSIQEDKLSGDRIKQVMEHIWKLQEFCSMAKLDIDGY
EYAYLKAIVLFSPDHPGLTGTSTQIEKFQEKQMEQLQDYVQKTYSEDYRLARILVRLPALRLMSSNITEE
LFFTGLIGNVSIDSIIPIYILKMETAEYNGQITGASL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	65.2 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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_035760](#)

Locus ID: 22026

UniProt ID: [P49117](#), [Q3ZAS1](#)

RefSeq Size: 7637

Cytogenetics: 6 D1

RefSeq ORF: 1791

Synonyms: mKIAA4145; TAK1; Tr4

Summary: Orphan nuclear receptor that can act as a repressor or activator of transcription. An important repressor of nuclear receptor signaling pathways such as retinoic acid receptor, retinoid X, vitamin D3 receptor, thyroid hormone receptor and estrogen receptor pathways. May regulate gene expression during the late phase of spermatogenesis. Activates transcriptional activity of LHCG and is antagonist of PPARA-mediated transactivation (By similarity). Together with NR2C1, forms the core of the DRED (direct repeat erythroid-definitive) complex that represses embryonic and fetal globin transcription including that of GATA1. Binds to hormone response elements (HREs) consisting of two 5'-AGGTCA-3' half site direct repeat consensus sequences. Plays a fundamental role in early embryonic development and embryonic stem cells. Required for normal spermatogenesis and cerebellum development. Appears to be important for neurodevelopmentally regulated behavior. [UniProtKB/Swiss-Prot Function]