

Product datasheet for **TP506083**

Nr2f6 (NM_010150) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse nuclear receptor subfamily 2, group F, member 6 (Nr2f6), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR206083 representing NM_010150
Clone or AA	Red=Cloning site Green=Tags(s)
Sequence:	<p>MAMVTGGWGDPGGDTNGVDKAGGSYPRAEDDSASPPGATSDAEPGDEERPGLQVDCVVC GDKSSGKHYG VFTCEGCKSFFKRSIRRNLSYTCRSNRDCQIDQHHRNQCCYCRLLKCFRVGMRKEAVQRGRIPHALPGPA ACSPPGATGVEPFTGPPVSELIAQLLRAEPYPAAGRFGGGGAVLGIDNVCELAARLLFSTVEWARHAPFF PELPAADQVALLRLSWSELFVLNAAQAALPLHTAPLLAAAGLHAAPMAAERAVAFMDQVRAFQE QVDKLG RLQVDAAEYGCLKAIALFTP DACGLSDPAHVESLQEKAQVALTEYVRAQYPSQPQRFRGRLLLRLPALRAV PASLISQLFFMRLVGKTP IETLIRDMLLSGSTFNWPYGSG</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	42.4 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.
RefSeq:	NP_034280
Locus ID:	13864
UniProt ID:	P43136



[View online »](#)

RefSeq Size:	2218
Cytogenetics:	8 34.43 cM
RefSeq ORF:	1170
Synonyms:	AV090102; COUP-TF3; EAR2; Erbal2
Summary:	<p>Transcription factor predominantly involved in transcriptional repression. Binds to promoter/enhancer response elements that contain the imperfect 5'-AGGTCA-3' direct or inverted repeats with various spacings which are also recognized by other nuclear hormone receptors. Involved in modulation of hormonal responses. Represses transcriptional activity of the lutropin-choriogonadotropic hormone receptor/LHCGR gene, the renin/REN gene and the oxytocin-neurophysin/OXT gene. Represses the triiodothyronine-dependent and -independent transcriptional activity of the thyroid hormone receptor gene in a cell type-specific manner. The corepressing function towards thyroid hormone receptor beta/THRB involves at least in part the inhibition of THRB binding to triiodothyronine response elements (TREs) by NR2F6. Inhibits NFATC transcription factor DNA binding and subsequently its transcriptional activity. Acts as transcriptional repressor of IL-17 expression in Th-17 differentiated CD4(+) T cells and may be involved in induction and/or maintenance of peripheral immunological tolerance and autoimmunity. Involved in development of forebrain circadian clock; is required early in the development of the locus coeruleus (LC).[UniProtKB/Swiss-Prot Function]</p>