

Product datasheet for **TP310311M**

Retinoid X Receptor alpha (RXRA) (NM_002957) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human retinoid X receptor, alpha (RXRA), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210311 representing NM_002957 Red =Cloning site Green =Tags(s)

MDTKHFLPLDFSTQVNSSLTSPTRGRSMAAPSLHPSLGPGLGSPGQLHSPITLSSPINGMGPPFSVISS
PMGPHSMSVPTTPTLGFSTGSPQLSSPMNPVSSSEDIKPPLGLNGVLKVPAPHPSGNMAFTHKICAICGD
RSSGKHVYVYSCGCKGFFKRTVRKDLTYTCRDNDKCLIDKRQRNRCQYCRYQKCLAMGMKREAVQEERQ
RGKDRNENEVESTSSANEDMPVERILEAELAVEPKTETYVEANMGLNPSSPNDPVTNICQAADKQLFTLV
EWAKRIPHFSELPLDDQVILLRAGWNELLIASFSHRSAIVKDGILLATGLHVHRNSAHSAGVGAIFDRVL
TELVSKMRDMQMDKTELGLRAIVLFPDPSKGLSNPAEVEALREKVYASLEAYCKHKYPEQPGRFAKLLL
RLPALRSIGLKCLEHLFFFKLIGDTPIDTFLMEMLEAPHQMT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	50.6 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.
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:	<u>NP_002948</u>



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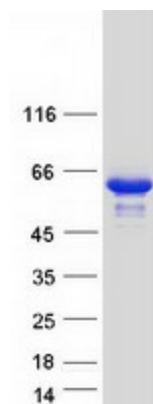
Locus ID:	6256
UniProt ID:	P19793 , F1D8Q5 , Q6P3U7
RefSeq Size:	5449
Cytogenetics:	9q34.2
RefSeq ORF:	1386
Synonyms:	NR2B1

Summary: Retinoid X receptors (RXRs) and retinoic acid receptors (RARs) are nuclear receptors that mediate the biological effects of retinoids by their involvement in retinoic acid-mediated gene activation. These receptors function as transcription factors by binding as homodimers or heterodimers to specific sequences in the promoters of target genes. The protein encoded by this gene is a member of the steroid and thyroid hormone receptor superfamily of transcriptional regulators. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, May 2014]

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

Protein Pathways: Adipocytokine signaling pathway, Non-small cell lung cancer, Pathways in cancer, PPAR signaling pathway, Small cell lung cancer, Thyroid cancer

Product images:



Coomassie blue staining of purified RXRA protein (Cat# [TP310311]). The protein was produced from HEK293T cells transfected with RXRA cDNA clone (Cat# [RC210311]) using MegaTran 2.0 (Cat# [TT210002]).