

Product datasheet for TP506711

Vdr (NM_009504) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse vitamin D (1,25-dihydroxyvitamin D3) receptor (Vdr), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206711 protein sequence Red =Cloning site Green =Tags(s)

MEAMAASLTPDPGDFDRNVPRICGVCGRATGFHFNAMTCEGCKGFFRRSMKRKALFTCPFNDCRITK
DNRRHCQACRLKRCVDIGMMKEFILTDEEVQRKREMIMKRKEEALKDSLRLKSEEQQHIIAILLDAHH
KTYDPTYADFRDFRPPIRADVSTGSYSRPTLSFSGDSSNSDLYTPSLDMMEPASFSTMDLNEEGSDDP
SVTLDSLPLSMLPHLADLVSYSIQKVIQVFAKMIPGFRDLTSDQIVLLKSSAIEVIMLRSNQSFTLDDMS
WDCGSQDYKYDITDVSRAHTLELIEPLIKFQVGLKLNHHEEHVLLMAICIVSPDRPGVQDAKLVEAI
QDRLSNTLQTYIRCRHPPPGSHQLYAKMIQKLADLRLSLNEEHSKQYRSLSFQPENSMKLTPLVLEVFNGNE
IS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	47.8 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:	<u>NP_033530</u>
Locus ID:	22337



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UniProt ID: [P48281](#)

RefSeq Size: 4354

Cytogenetics: 15 F1

RefSeq ORF: 1269

Synonyms: Nr1i1

Summary: Nuclear receptor for calcitriol, the active form of vitamin D3 which mediates the action of this vitamin on cells (By similarity). Enters the nucleus upon vitamin D3 binding where it forms heterodimers with the retinoid X receptor/RXR (By similarity). The VDR-RXR heterodimers bind to specific response elements on DNA and activate the transcription of vitamin D3-responsive target genes (By similarity). Plays a central role in calcium homeostasis (By similarity).
[UniProtKB/Swiss-Prot Function]