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Datasheet for ABIN1511618

Vitamin D Receptor Protein (VDR) (AA 1-422) (His tag)

Overview

Quantity:	1 mg
Target:	Vitamin D Receptor (VDR)
Protein Characteristics:	AA 1-422
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Vitamin D Receptor protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MEFMAATTSI ADTMEFDKN VPRICGVCGD KATGFHFNAM TCEGCKGFFR RSMKRKAMFT CPFNGDCRIT KDNRRHCQSC RLKRCVDIGM MKEFILTDEE VQRKRQMINK RKSEEALKES MRPKISDEQQ KMIDILLEAH RKTFTDTTYS DFNKFRPPVRE NVDPFRRITR SSSVHTQGSP SESDSVFTSS PDSSEHGFFS ASLFGQFEYS SMGGKSGELS MLPHIADLVS YSIQKIIGFA KMIPGFRDLI AEDQIALLKS SVIEVIMLRS NQSFSLDDMS WTCGSEDFKY KVDDVTQAGH NMELLEPLVK FQVGLKKLDL HEEHVLLMA ICILSPDRPG LQDKALVESI QDRLSSTLQT YILCKHPPPG SRLLYAKMIQ KLADLRSLNE EHSKQYRSIS FLPEHSMKLT PLMLEVFSDE IP
Specificity:	Xenopus laevis (African clawed frog)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: Vitamin D Receptor (VDR)

Alternative Name: Vitamin D3 Receptor (Vdr) ([VDR Products](#))

Target Type: Chemical

Background: Recommended name: Vitamin D3 receptor.
Short name= VDR.
Alternative name(s): 1,25-dihydroxyvitamin D3 receptor Nuclear receptor subfamily 1 group I member 1

UniProt: [013124](#)

Pathways: [Nuclear Receptor Transcription Pathway](#), [Steroid Hormone Mediated Signaling Pathway](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to

Handling

one week

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.