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Datasheet for ABIN1476242

## Glucocorticoid Receptor Protein (AA 1-795) (His tag)

### Overview

Quantity:	1 mg
Target:	Glucocorticoid Receptor (NR3C1)
Protein Characteristics:	AA 1-795
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Glucocorticoid Receptor protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence: MDSKESLAPP GRDEVPGSLL GQGRGSVMDF YKSLRGGATV KVSASSPSVA AASQADSKQQ  
RILLDFSKGS TSNVQQRQQQ QQQQQQQQQQ QQQQQQPDLS KAVSLSMGLY MGETETKVMG  
NDLGY PQQG LGLSSGETDF RLLLEESIANL NRSTSVPENP KSSTSATGCA TPTEKEFPKT  
HSDASSEQQN RKSQTGTNGG SVKLYPTDQS TFDLLKDLEF SAGSPSKDTN ESPWRSLLI  
DENLLSPLAG EDDPFLLEGN TNEDCKPLIL PDTKPKIKDT GDTILSSPSS VALPQVKTEK  
DDFIELCTPG VIKQEKLGPV YCQASFSGTN IIGNKMSAIS VHGVSTSGGQ MYHYDMNTAS  
LSQQDQKPV FNVIPPIVPG SENWNRQCQS GEDSLTSLGA LNFPGRSVFS NGYSSPGMRP  
DVSSPPSSSS AATGPPPKLC LVCSDEASGC HYGVLTCGSC KVFFKRAVEG QHNYLCAGR  
DCIIDKIRRK NCPACRYRKC LQAGMNLEAR KTKKKIKGIQ QATAGVSQDT SENPNKTIVP  
AALPQLTPTL VSLLEVIEPE VLYAGYDSSV PDSAWRIMTT LNMLGGRQVI AAVKWAKAIL  
GLRNLHLDDQ MTLQYSWMF LMAFALGWRS YRQSSGNLLC FAPDLIINEQ RMSLPCMYDQ  
CKHMLFVSSE LQRLQVSYEE YLCMKTLTLLL SSVPK EGLKS QELFDEIRMT YIKELGKAIV

## Product Details

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KREGNSSQNW QRFYQLTKLL DSMHEVVENL LTYCFQTFLD KTMSIEFPPEM LAEITNQIP  
KYSNGNIKKL LFHQK

Specificity: Rattus norvegicus (Rat)

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.

Purity: > 90 %

## Target Details

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Target: Glucocorticoid Receptor (NR3C1)

Alternative Name: Glucocorticoid receptor (Nr3c1) ([NR3C1 Products](#))

Background: Recommended name: Glucocorticoid receptor.  
Short name= GR.  
Alternative name(s): Nuclear receptor subfamily 3 group C member 1

UniProt: [P06536](#)

Pathways: [Nuclear Receptor Transcription Pathway](#), [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Steroid Hormone Mediated Signaling Pathway](#), [Regulation of Intracellular Steroid Hormone Receptor Signaling](#), [Regulation of Hormone Metabolic Process](#), [Regulation of Hormone Biosynthetic Process](#), [Regulation of Muscle Cell Differentiation](#), [Regulation of Carbohydrate Metabolic Process](#)

## Application Details

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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

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