Datasheet for ABIN1476745

Glucocorticoid Receptor Protein (AA 1-314) (His tag)

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Overview

Quantity:	1 mg
Target:	Glucocorticoid Receptor (NR3C1)
Protein Characteristics:	AA 1-314
Origin:	Sheep
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Glucocorticoid Receptor protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	ASAAVSAAPT EKEFPKTHSD VSSEQQNLKG QKGSNGGSMK LHTTDQSTFD IWRKKLQDLE FSSESPSKET SDSPWRSDIL IDENCLLSPL AGEDDSFLLE GSSNEDCKPL LLPDAKPKIK DNGDLILPSP NSVPLPQVKT EKEDFIELCT PGVIKQEKLG PVYCQASFPG ANIIGNKMSA ISVHGVSTSG GQMYHYDMNT ASLSQQQDQK PIFKVIPPIP VGSENWNRCQ GSGDDSLTSL GTLNFSGRSV FSNGYSSPGM RPDVSSPPSS SSAATGPPPK LCLVCSDEAS GCHYGVLTCG SCKVFFKRAV EGQH
Specificity:	Ovis aries (Sheep)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

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:	P35547
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

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 modificated 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 one week
Storage:	-20 °C

Handling

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