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Datasheet for ABIN1611245 NR1I3 Protein (AA 1-348) (His tag)

Overview

Quantity:	1 mg
Target:	NR1I3
Protein Characteristics:	AA 1-348
Origin:	Callorhinus ursinus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This NR1I3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MASGEDGPRS CMVCGDRATG YHFHALTCEG CKGFFRRTVS KNTGLTCPFA GNCKVNKAQR RHCPACRLQK CLDAGMKKEM ILSAEALVQR RAKQAQRRQA WAPVQLSKGQ QELVQTLLGA HARHVGTMFD QFVQFRPPAH LFIHHQRLPI PVPALPLLKH FAEVNTFMVQ EVIKFTKDLP LFRSLPMEDQ ISLLKGAAVE ICHIALNTTF CLQTRNFLCG PLCYALDGV HVGFAQEEFLE LLFRFHATLR RLQLQEPEYV LMAAMALFSP DRPGVTRREE IDRLQEVTA TLQSYIKGQP PRPRDRFLYA KLLGLLAELR SIDNAYGYQI QHIQGLSMM PLLQEICS
Specificity:	Callorhinus ursinus (Northern fur seal)
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

Target:	NR1I3
Alternative Name:	Nuclear receptor subfamily 1 group I member 3 (NR1I3) (NR1I3 Products)
Background:	Recommended name: Nuclear receptor subfamily 1 group I member 3. Alternative name(s): Constitutive androstane receptor. Short name= CAR
UniProt:	P62044
Pathways:	Nuclear Receptor Transcription Pathway , Intracellular Steroid Hormone Receptor Signaling 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 modiflicated 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
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.