Datasheet for ABIN1649007

ESR2 Protein (AA 1-472) (His tag)

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Overview

Quantity:	1 mg
Target:	ESR2
Protein Characteristics:	AA 1-472
Origin:	Chicken
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ESR2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAFCSPAMLN YNIASNFGDS ESASVRQTSS PSVLWSAPGH LSPLTLHCQS SLLYAEQPKS PWCEVRPLDP VLPVTRETLK RKTNGSDCTS PIASNPGSKR DAHFCAVCSD YASGYHYGVW SCEGCKAFFK RSIQGHNDYI CPATNQCTID KNRRKSCQAC RLRKCYEVGM MKCGSRRERC GYRILRRHRN SEDCMGKTKK YNEAATRVKE ILLSTVSPEQ FVLTLLEAEP PNVLVSRPSK PFTEASMMMS LTKLADKELV HMIGWAKKIP GFIDLSLYDQ VRLLESCWME VLMIGLMWRS IDHPGKLIFA PDLVLDRDEG KCVEGILEIF DMLLAMTSRF RELKLQHKEY LCVKAMILLN SSMFPLSPEE PESNRKLHHL LNVVTDALVW VIAKSGIPSQ QQTTRLANLL MLLSHVRHAS NKGMEHLLSM KCKNVVPVYD LLLEMLNAHT LRGQRKSPVT HPEFEQVSHF QV
Specificity:	Gallus gallus (Chicken)
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.

Product Details

Purity:	> 90 %

Target Details

Target:	ESR2
Alternative Name:	Estrogen receptor beta (ESR2) (ESR2 Products)
Background:	Recommended name: Estrogen receptor beta. Short name= ER-beta. Short name= cERb. Alternative name(s): Nuclear receptor subfamily 3 group A member 2
UniProt:	Q9PTU5
Pathways:	Nuclear Receptor Transcription Pathway, EGFR Signaling Pathway, Intracellular Steroid Hormone Receptor Signaling Pathway, Steroid Hormone Mediated Signaling Pathway, Regulation of Intracellular Steroid Hormone Receptor Signaling

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

Handling

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