Datasheet for ABIN1676265

EGR1 Protein (AA 1-497) (His tag)

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Overview

Quantity:	1 mg
Target:	EGR1
Protein Characteristics:	AA 1-497
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This EGR1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAVAKTEMLV SPLQISDPFS SFPHSPTMDN YPKLEEMMLL NAGGPQFLGA SVPDGSGFNS TVEGAEQFDH LTADAFSEMS LSSEKALVES SYANQTTRLP SLTYTGRFSL EPATNSSNTL WPEPLFSLVS GLVGMANISP SSAPSSSPSS SSSSSSSQSP PLSCSVQSND SSPIYSAAPT FPNSSSEIFP DHSPQPFQNA SIPYPPPAYP VSKTTFQVPM IPDYLFPQQQ GDVSLVSADQ KPFQAMESRT QQPSLTPLST IKAYATHTSQ DLKTINSTYQ SQIIKPSRMR KYPNRPSKTP PHERPYGCPV ESCDRRFSRS DELTRHIRIH TGQKPFQCRI CMRNFSRSDH LTTHIRTHTG EKPFACDICG RKFARSDERK RHTKIHLRQK DKKADKATPV SVASPVSSYS PSASTSYPSP VPTSYSSPVS SSYPSPVHSS FPSPTTAVTY PSVTSTFQTH GITSFPSSIM TNAFSSPMSS ALSDMSLTYS PRTIEIC
Specificity:	Xenopus laevis (African clawed frog)
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:	EGR1
Alternative Name:	Early growth response protein 1-A (egr1-a) (EGR1 Products)
Background:	Recommended name: Early growth response protein 1-A. Short name= EGR-1-A. Short name= Xegr-1
UniProt:	Q6GQH4
Pathways:	Regulation of Carbohydrate Metabolic Process, Regulation of long-term Neuronal Synaptic Plasticity

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

Handling

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