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Datasheet for ABIN1475108
EGR1 Protein (AA 1-508) (His tag)

Overview

Quantity:	1 mg
Target:	EGR1
Protein Characteristics:	AA 1-508
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This EGR1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MDNYPKLEEM MLLSNGAPQF LGAAGTPEGS GGNNSSSSSS SSSGGGGGGG SNSGSSAFNP QGEPSEQPYE HLTTESFSDI ALNNEKALVE TSYPSQTTRL PPITYTGRFS LEPAPNSGNT LWPEPLFSLV SGLVSMTNPP TSSSSAPSPA ASSSSASQS PPLSCAVPSN DSSPIYSAAP TFPTPNTDIF PEPQSQAFFG SAGTALQYPP PAYPATKGGF QVPMIPDYLF PQQQGDLSLG TPDQKPFQGL ENRTQQPSLT PLSTIKAFAT QSGSQDLKAL NNTYQSqlik PSRMRKYPNR PSKTPPHERP YACPVESECDR RFSRSEDELTR HIRIHTGQKP FQCRICMRNF SRSDHLTTHI RTHTGEKPFA CDICGRKFAR SDERKRHTKI HLRQKDKKAD KSVVASSAAS SLSSYPSPVA TSYPSPATTS FPSPVPTSYS SPGSSTYPSP AHSGFPPSPV ATTYASVPPA FPAQVSTFQS AGVNSNSFSTS TGLSDMTATF SPRTIEIC
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.

Product Details

Purity: > 90 %

Target Details

Target: EGR1

Alternative Name: Early growth response protein 1 (Egr1) ([EGR1 Products](#))

Background: Recommended name: Early growth response protein 1.
Short name= EGR-1.
Alternative name(s): Nerve growth factor-induced protein A.
Short name= NGFI-A Transcription factor Zif268 Zinc finger protein Krox-24

UniProt: [P08154](#)

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 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

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.