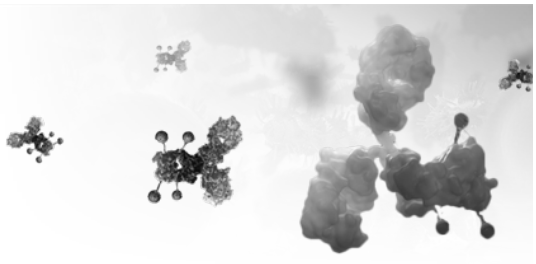

Human EGR1 peptide (DAG-P0046)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene belongs to the EGR family of C2H2-type zinc-finger proteins. It is a nuclear protein and functions as a transcriptional regulator. The products of target genes it activates are required for differentitation and mitogenesis. Studies suggest this is a cancer suppresor gene. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Sequence Similarities	Belongs to the EGR C2H2-type zinc-finger protein family.Contains 3 C2H2-type zinc fingers.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	EGR1 early growth response 1 [Homo sapiens (human)]
Official Symbol	EGR1
Synonyms	EGR1; early growth response 1; TIS8; AT225; G0S30; NGFI-A; ZNF225; KROX-24; ZIF-268; early growth response protein 1; EGR-1; zinc finger protein 225; transcription factor ETR103; transcription factor Zif268; zinc finger protein Krox-24; nerve growth factor-induced protein A;
Entrez Gene ID	1958
mRNA Refseq	NM_001964.2
Protein Refseq	NP_001955.1

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UniProt ID	P18146
Chromosome Location	5q31.1
Pathway	BDNF signaling pathway, organism-specific biosystem; Calcineurin-regulated NFAT-dependent transcription in lymphocytes, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; Downstream signaling in naive CD8+ T cells, organism-specific biosystem; ErbB1 downstream signaling, organism-specific biosystem; Glucocorticoid receptor regulatory network, organism-specific biosystem; HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosyst
Function	DNA binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription; RNA polymerase II core promoter sequence-specific DNA binding; double-stranded DNA b

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