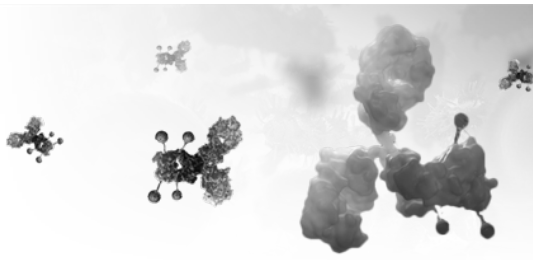

Human EGR2 peptide (DAG-P1553)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a transcription factor with three tandem C2H2-type zinc fingers. Defects in this gene are associated with Charcot-Marie-Tooth disease type 1D (CMT1D), Charcot-Marie-Tooth disease type 4E (CMT4E), and with Dejerine-Sottas syndrome (DSS). Multiple transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Oct 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	EGR2 early growth response 2 [Homo sapiens (human)]
Official Symbol	EGR2
Synonyms	EGR2; early growth response 2; AT591; CMT1D; CMT4E; KROX20; E3 SUMO-protein ligase EGR2; zinc finger protein Krox-20; early growth response protein 2; KROX-20, Drosophila, homolog (early growth response-2);
Entrez Gene ID	1959
mRNA Refseq	NM_000399.3

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Protein Refseq	NP_000390.2
UniProt ID	P11161
Chromosome Location	10q21.1
Pathway	Adipogenesis, organism-specific biosystem; BDNF signaling pathway, organism-specific biosystem; Calcineurin-regulated NFAT-dependent transcription in lymphocytes, organism-specific biosystem; Developmental Biology, organism-specific biosystem; HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem; Hepatitis B, organism-specific biosystem; IL4-mediated signaling events, organism-specific biosystem; Transcriptional Regulation of White Adipocyte Differentiation, organ
Function	HMG box domain binding; RNA polymerase II activating transcription factor binding; chromatin binding; ligase activity; metal ion binding; protein binding; sequence-specific DNA binding transcription factor activity; transcription regulatory region DNA bin

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