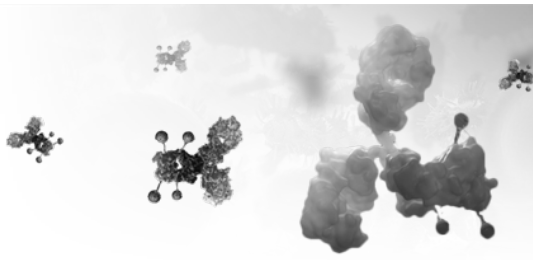

# Human EGR2 blocking peptide (CDBP1100)

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

## PRODUCT INFORMATION

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|---|---|
| **Product Overview** | Blocking/Immunizing peptide for anti-EGR2 antibody |
| **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. |
| **Species** | Human |
| **Conjugate** | Unconjugated |
| **Applications** | Apuri, BL, ELISA |
| **Format** | Lyophilized powder |
| **Size** | 100 µg |
| **Preservative** | None |
| **Storage** | Shipped at ambient temperature, store at -20°C. |

## GENE INFORMATION

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|---|---|
| **Gene Name** | EGR2 early growth response 2 [ Homo sapiens ] |
| **Official Symbol** | EGR2 |
| **Synonyms** | EGR2; early growth response 2; early growth response 2 (Krox 20 homolog, Drosophila) , KROX20; E3 SUMO-protein ligase EGR2; Krox 20 homolog; Drosophila; zinc finger protein Krox-20; early growth response protein 2; KROX-20, Drosophila, homolog (early growth |

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| | |
|---|---|
| | response-2); AT591; CMT1D; CMT4E; KROX20; FLJ14547; DKFZp686J1957; |
| **Entrez Gene ID** | 1959 |
| **mRNA Refseq** | NM_000399 |
| **Protein Refseq** | NP_000390 |
| **UniProt ID** | P11161 |
| **Chromosome Location** | 10q21.1 |
| **Pathway** | Adipogenesis, 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; IL4-mediated signaling events, organism-specific biosystem; Transcriptional Regulation of White Adipocyte Differentiation, organism-specific biosystem; |
| **Function** | DNA 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 binding; ubiqu |

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