

Recombinant Full Length Human EGR2 Protein, GST-tagged

Cat. No. EGR2-4266HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EGR2 full-length ORF (NP_000390.2, 1 a.a. - 476 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	476 amino acids
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]
Molecular Mass	76.7 kDa
AA Sequence	MMTAKAVDKIPVTLSGFVHQLSDNIYPVEDLAATSVTIFPNAELGGPFDQMNGVAGD GMINIDMTGEKRSLDLPYPSSFAPVSAPRNQTFTYMGKFSIDPQYPGASCYPEGIINI VSAGILQGVTSASTTASSSVTSASPNPLATGPLGVCTMSQTQPDLDHLYSPPPPPP PYSGCAGDLYQDPSAFLSAATTSTSSSLAYPPPPSYSPSPKPATDPGLFPMIPDYPGF FPSQCQRDLHGTTAGPDRKPFPCPLDTRLVPPPLTPLSTIRNFTLGGPSAGVTGPGA SGGSEGPRLPGSSSAAYNPHHLPLRPILRPRKYPNRPSTKTPVHERPYP CPAEGCDRRFSRDELTRHIRIHTGHKPFQCRICMRNFSRSDHLTTHIRHTGEKPF ACDYCGRKRFARSDERKRHTKIHLRQKERKSSAPSASVPAPSTASCSGGVQPGGTL

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CSSNSSSLGGGPLAPCSSRTRTP

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

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 response-2); AT591; CMT1D; CMT4E; KROX20; FLJ14547; DKFZp686J1957;

Gene ID

[1959](#)

mRNA Refseq

[NM_000399](#)

Protein Refseq

[NP_000390](#)

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MIM	129010
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UniProt ID	P11161
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