

Recombinant Human EGR2 Protein, GST-tagged

Cat. No. EGR2-3123H **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	Wheat Germ
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 GMINIDMTGEKRSLDLPYPSSFAPVSAPRNQFTFTYMGKFSIDPQYPGASCYPEGIINI VSAGILQGVTSASTTASSSVTSASPENPLATGVLGVCTMSQTQPDLDHLYSPPPPPP PYSGCAGDLYQDPSAFLSAATTSTSSSLAYPPPPSYSPSPKATDPLFPMIPDYPGF FPSQCQRDLHGTTAGPDRKPFPCPLDTRVPPPLTPLSTIRNFTLGGPSAGVTGPGA SGGSEGPRLPGSSSSAAAAAAYNPHHLPLRPILRPKYPNRPSTKTPVHERPYP CPAEGCDRRFSRSDDELTRHIRIHTGHKPFQCRICMRNFSRSDHLTTHIRHTGEKPF ACDYCGRKFAFSDERKRHTKIHLRQKERKSSAPSASVPAPSTASCSGGVQPGGTL CSSNSSSLGGGPLAPCSSRTRTP

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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
MIM	129010

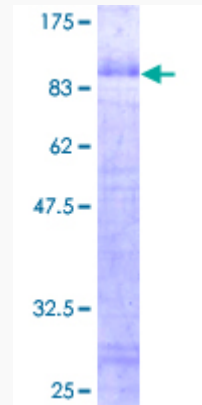
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UniProt ID

P11161

**Quality Control
Testing**

12.5% SDS-PAGE Stained with Coomassie Blue.

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