

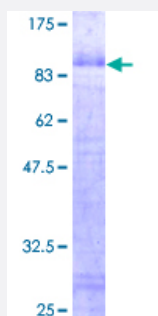
Full-Length

EGR2 (Human) Recombinant Protein (P01)

Catalog # H00001959-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human EGR2 full-length ORF (NP_000390.2, 1 a.a. - 476 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MMTAKAVDKIPVTLSGFVHQLSDNIYPVEDLAATSVTIFPNAELGGPFDQMNGVAGDGMINIDMTG
EKRSLDLPIYPSSFAPVSAPRNQFTFTYMGKFSIDPQYPGASCYPEGIINVSAGILQGVTSASTTAS
SSVTSASPENPLATGPLGVCTMSQTQPDLDHLYSPPPPPPPYSGCAGDLYQDPSAFLSAATTSTS
SSLAYPPPPSYSPKPATDPGLFPMIPDYPGFFPSQCQRDLHGHTAGPDRKPFPCPLDTRLVPPP
LTPLSTIRNFTLGGPSAGVTGPGASGGSEGPRLPGSSSAAAAAAAAAAYNPHHLPLRPILRPKYP
NRPSKTPVHERPYPCPAEGCDDRRFSRSDDELTRHIRHTGHKPFQCRICMRNFSRSDHLTTHTHT
GEKPFACDYCGRKFARSDERKRHTKIHLRQKERKSSAPSASVPAPSTASCSSGGVQPGGTLCS
NSSSLGGGPLAPCSSRTRTP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

76.7

Preparation Method

in vitro wheat germ expression system

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

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

Storage Instruction

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

Note

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

Applications

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

Gene Info — EGR2

Entrez GeneID[1959](#)**GeneBank Accession#**[NM_000399.2](#)**Protein Accession#**[NP_000390.2](#)**Gene Name**

EGR2

Gene Alias

AT591, CMT1D, CMT4E, DKFZp686J1957, FLJ14547, KROX20

Gene Description

early growth response 2 (Krox-20 homolog, Drosophila)

Omim ID[129010](#) [145900](#) [605253](#) [607678](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is a transcription factor with three tandem C2H2-type zinc finger s. 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]

Other Designations

KROX-20, Drosophila, homolog (early growth response-2)|Krox-20 homolog|OTTHUMP00000062133|early growth response 2 protein

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Charcot-Marie-Tooth Disease](#)
- [Deafness](#)
- [Diabetes Complications](#)
- [Genetic Predisposition to Disease](#)
- [Hereditary Central Nervous System Demyelinating Diseases](#)
- [Lupus Erythematosus](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Ovarian Neoplasms](#)
- [Schizophrenia](#)
- [Scoliosis](#)