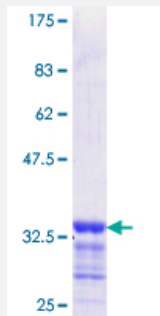


EGR2 (Human) Recombinant Protein (Q01)

Catalog # H00001959-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human EGR2 partial ORF (NP_000390.2, 217 a.a. - 293 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	PGLFPMIPDYPGFFPSQCQRDLHGTAGPDRKPFPCPLDTRLVPPPLTPLSTIRNFTLGGPSAGVT GPGASGGSEGPR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	34.21
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
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](#)