

Recombinant Human EGR2 protein, His & T7-tagged

Cat. No. EGR2-6976H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EGR2 aa. (Gly147~Cys403 (Accession # P11161)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Gly147~Cys403
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.4kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.1.

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Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

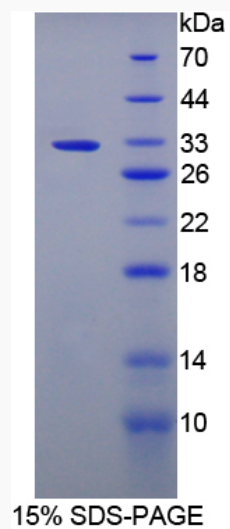
Gene Name	EGR2 early growth response 2 [Homo sapiens (human)]
Official Symbol	EGR2
Synonyms	EGR2; early growth response 2; AT591; CMT1D; CMT4E; KROX20; E3 SUMO-protein ligase EGR2; KROX-20, Drosophila, homolog (early growth response-2); early growth response protein 2; zinc finger protein Krox-20
Gene ID	1959
mRNA Refseq	NM_000399.4
Protein Refseq	NP_000390.2
UniProt ID	P11161

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SDS-PAGE



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