

# Recombinant Full Length Human EGR1 Protein, GST-tagged

Cat. No. EGR1-4264HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human EGR1 full-length ORF (AAH73983.1, 1 a.a. - 543 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	543 amino acids
<b>Description</b>	The protein encoded by this gene belongs to the EGR family of C2H2-type zinc-finger proteins. It is a nuclear protein and functions as a transcriptional regulator. The products of target genes it activates are required for differentiation and mitogenesis. Studies suggest this is a cancer suppressor gene. [provided by RefSeq, Dec 2014]
<b>Molecular Mass</b>	83.9 kDa
<b>AA Sequence</b>	<p>MAAAKAEMQLMSPLQISDPFGSFPHSPTMDNYPKLEEMMLLSNGAPQFLGAAGAP  EGSGSNSSSSSSGGGGGGGGGSNSSSSSSTFNPQADTGEQPYEHLTAESFPDISL  NNEKVLVETSYPSQTTRLPPITYTGRFSLEPAPNSGNTLWPEPLFSLVSGLVSM TNP  PASSSSAPSPAASSASASQSPPLSCAVPSNDSSPIYSAAPTFFPTPNTDIFPEPQSQA  FPGSAGTALQYPPPAYPAAKGGFQVPMIPDYLFPPQQGDLGLGTPDQKPFQGLS  RTQQPSLTPLSTIKAFATQSGSQDLKALNTSYQSQLIKPSRMRKYPNRPSKTPPHER  PYACPVESCDRRFRSDELTRHIRIHTGQKPFQCRICMRNFRSDHLTTHIRHTGE  KPFACDICGRKFARSDERKRHTKIHLRQKDKKADKSVVASSATSSLSSYSPVATSY  PSPVTTSYSPATTSYSPVPTSFSSPGSSSTYSPVHSGFPSPSVATTYSSVPPAFP</p>

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AQVSSFPSSAVTNSFSASTGLSDMTATFSPRTIEIC

**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**

[EGR1 early growth response 1 \[ Homo sapiens \]](#)

**Official Symbol**

[EGR1](#)

**Synonyms**

EGR1; early growth response 1; early growth response protein 1; AT225; G0S30; KROX 24; nerve growth factor induced protein A; NGFI A; TIS8; transcription factor ETR103; ZIF 268; zinc finger protein 225; ZNF225; EGR-1; transcription factor Zif268; zinc finger protein Krox-24; nerve growth factor-induced protein A; NGFI-A; KROX-24; ZIF-268;

**Gene ID**

[1958](#)

**mRNA Refseq**

[NM\\_001964](#)

**Protein Refseq**

[NP\\_001955](#)

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<b>MIM</b>	128990
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<b>UniProt ID</b>	P18146
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