

Recombinant Full Length Human EGR1 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human EGR1 full-length ORF (AAH73983.1, 1 a.a. - 543 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	543 amino acids
Description	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]
Molecular Mass	83.9 kDa
AA Sequence	MAAAKAEMQLMSPLQISDPFGSFPHSPTMDNYPKLEEMMLLSNGAPQFLGAAGAP EGSGSNSSSSSSGGGGGGGGGSNSSSSSSTFNPQADTGEQPYEHLTAESFPDISL NNEKVLVETSYPSQTTRLPPITYTGRFSLEPAPNSGNTLWPEPLFSLVSGLVSM TNP PASSSSAPSPAASSASASQSPPLSCAVPSNDSSPIYSAAPTFTPTNTDIFPEPQSQA FPGSAGTALQYPPPAYPAAKGGFQVPMIPDYLFPPQQQGD LGLGTPDQKPFQGLS RTQQPSLTPLSTIKAFATQSGSQDLKALNTSYQSQLIKPSRMRKYPNRPSKTPPHER PYACPVESCDRRFSRSDDELTRHIRIHTGQKPFQCRICMRNFSRSDHLTTHIRHTGE KPFACDICGRKFARSDERKRHTKIHLRQKDKKADKSVVASSATSSLSSYPSPVATSY PSPVTTSYPSPATTSYSPVPTSFSSPGSSSTYSPVHSGFPSPSVATTYSSVPPAFA

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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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MIM	128990
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UniProt ID	P18146
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