

## Recombinant Human EGR3 Protein, GST-tagged

Cat. No. EGR3-3125H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human EGR3 full-length ORF ( ADR82983.1, 1 a.a. - 387 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	<p>This gene encodes a transcriptional regulator that belongs to the EGR family of C2H2-type zinc-finger proteins. It is an immediate-early growth response gene which is induced by mitogenic stimulation. The protein encoded by this gene participates in the transcriptional regulation of genes in controlling biological rhythm. It may also play a role in a wide variety of processes including muscle development, lymphocyte development, endothelial cell growth and migration, and neuronal development. Alternative splicing results in multiple transcript variants encoding distinct isoforms.[provided by RefSeq, Dec 2010]</p>
<b>Molecular Mass</b>	42.6 kDa
<b>AA Sequence</b>	<p>MTGKLAEKLPVTMSSLLNQLPDNLYPEEIPSA LNLFSGSSDSVVHYNQMATENVMDI            GLTNEKPNPELSYSGSFQPAPGNKTVTYLGKFAFDSPSNWCQDNIISLMSAGILGVP            PASGALSTQTSTASMVQPPQGDVEAMYALPPYSNCGDLYSEPVSFHDPQGNPGL            AYSPQDYQSAKALDSNLFPMPDYNLYHHPNDMGSIPEHKPFQGMPIRVNPPIT            PLETIKAFKDKQIHGPGFGLPQPPLTLKPIRPRKYPNRPSKTPHERPHACPAEGCDR            RFSRSEDLTRHLRIHTGHKPFQCRICMRSFSRSDHLTTHIRHTHTGEKPFACEFCGRK</p>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

FARSDERKRHAKIHLKQKEKKAEEKGGAPSASSAPPVSLAPVVTTC

**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**

[EGR3 early growth response 3 \[ Homo sapiens \]](#)

**Official Symbol**

[EGR3](#)

**Synonyms**

EGR3; early growth response 3; early growth response protein 3; PILOT; zinc finger protein pilot; EGR-3; MGC138484;

**Gene ID**

[1960](#)

**mRNA Refseq**

[NM\\_001199880](#)

**Protein Refseq**

[NP\\_001186809](#)

**MIM**

[602419](#)

**UniProt ID**

[Q06889](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA