

# Recombinant Human EGR3 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** EGR3-1826H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	EGR3 MS Standard C13 and N15-labeled recombinant protein (NP_004421) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	42.4 kDa
<b>AA Sequence</b>	MTGKLAEKLPVTMSSLLNQLPDNLYPEEIPSA LNLFSGSSDSVVHYNQMATENVMDI GLTNEKPNPELSYSGSFQPAPGNKTVTYLGKFAFDSPSNWCQDNIISLMSAGILGVP PASGALSTQTSTASMVQPPQGDVEAMYPALPPYSNCGDLYSEPVSFHDPQGNPGL AYSPQDYQSAKPALDSNLFPMPDYNLYHHPNDMGSIPEHKPFQGMPIRVNPPPIT PLETIKAFKDKQIHGPGFGLPQPPLTLKPIRPRKYPNRPSKTPHERPHACPAEGCDR RFSRSEDELTRHLRIHTGHKPFQCRICMRSFSRSDHLTTHIRHTHTGEKPFACEFCGRK

 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

FARSDERKRHAKIHLKQKEKKAEEKGGAPSASSAPPVSLAPVVTTCASGPTRTRRLE  
 QKLISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** EGR3 early growth response 3 [ Homo sapiens (human) ]

**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\_004430

**Protein Refseq** NP\_004421

**MIM** 602419

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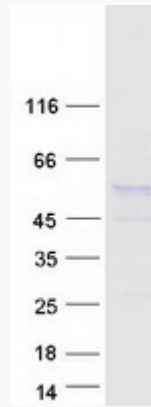
 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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UniProt ID

Q06889

SDS-PAGE



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