

Recombinant Human EGR3 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human EGR3 full-length ORF (ADR82983.1, 1 a.a. - 387 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	42.6 kDa
AA Sequence	MTGKLAELPVTMSSLLNQLPDNLYPEEIPSA LNLFSGSSDSVVHYNQMATENVMDI GLTNEKPNPELSYSGSFQAPGNKTVTYLGKFAFDSPSNWCQDNII SLMSAGILGVP PASGALSTQTSTASMVQPPQGDVEAMYPALPPYSNCGDLYSEPVSFHDPQGNPGL AYSPQDYQSAKPA LDSNLFPMIPDYNLYHHPNDMGSIPEHKPFQGM DPIRVNPPPIT PLETIKAFKDKQIH PGFGSLPQPPLTLKPIRPRKYPNRPSKTPLHERPHACPAEGCDR RFSRSD ELTRHLRIHTGHKPFQCRICMRSFSRSDHLTTHIRHTHTGEKPFACEFCGRK

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FARSDERKRHAKIHLKQKEKKAEGGAPSASSAPPVSLAPVVTTC

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

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