

Recombinant Full Length Human EGR3 Protein, GST-tagged

Cat. No. EGR3-4270HF 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	In Vitro Cell Free System
ProteinLength	387 amino acids
Description	<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>
Molecular Mass	42.6 kDa
AA Sequence	<p>MTGKLAEKLPVTMSSLLNQLPDNLYPEEIPSA LNLFSGSSDSV VHYNQMATENVMDI GLTNEKPNPELSYSGSFQPAPGNKTVTYLGKFAFDSPSNWCQDNII SLMSAGILGVP PASGALSTQTSTASMVQPPQGDVEAMY PALPPYSNCGDLYSEPVSFHDPQGNPGL AYSPQDYQSAK PALDSNLFPMIPDYNLYHHPNDMGSIPEHKPFQGM DPIRVNPPPIT PLETIKAFKDKQIHPGFGSLPQPPLTLKPIRPRKYPNRPSKTPLHERPHACPAEGCDR</p>

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RFSRSDELTRHLRIHTGHKPFQCRICMRSFSRSDHLTTHIRHTHTGEKPFACEFCGRK
FARSDERKRHAKIHLKQKEKKAEEKGGAPSASSAPPVSLAPVTTCA

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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