

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

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

SPECIFICATION

Product Overview	EGR3 MS Standard C13 and N15-labeled recombinant protein (NP_004421) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	42.4 kDa
AA Sequence	MTGKLAELPVTMSSLLNQLPDNLYPEEIPSA LNLFSGSSDSVVHYNQMATENVMDI GLTNEKPNPELSYSGSFQAPGNKTVTYLGKFAFDSPSNWCQDNIISLMSAGILGVP PASGALSTQTSTASMVQPPQGDVEAMYPALPPYSNCGDLYSEPVSFHDPQGNPGL AYSPQDYQSAKPA LDSNLFPMIPDYNLYHHPNDMGSIPEHKPFQGM DPIRVNPPPIT PLETIKAFKDKQIH PGFGSLPQPPLTLKPIRPRKYPNRPSKTPLHERPHACPAEGCDR RFSRSDDELTRHLRIHTGHKPFQCRICMRSFSRSDHLTTHIRHTHTGEKPFACEFCGRK

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	FARSDERKRHAKIHLKQKEKKAEGGAPSASSAPPVSLAPVVTTCASGPTRTRRLE 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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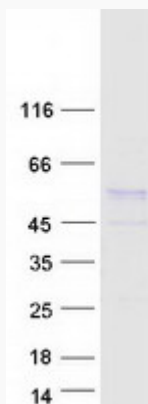
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UniProt ID

Q06889

SDS-PAGE

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