Recombinant Human EGR3 protein, His & T7-tagged

Cat. No. EGR3-6970H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EGR3 aa. (Cys98~Ala363 (Accession # Q06889)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Cys98~Ala363
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 controling 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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33.7kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%

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Characteristic	The isoelectric point is 9.3.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	EGR3 early growth response 3 [Homo sapiens (human)]
Official Symbol	EGR3
Synonyms	EGR3; early growth response 3; EGR-3; PILOT; early growth response protein 3; zinc finger protein pilot
Gene ID	1960
mRNA Refseq	NM_001199880.1
Protein Refseq	NP_001186809.1

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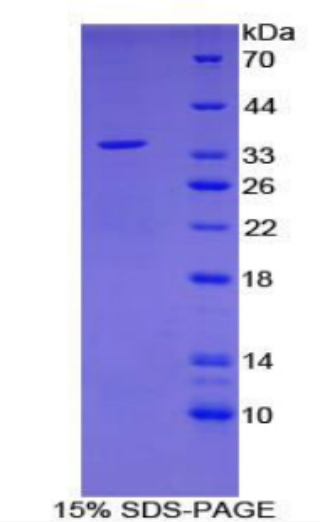
UniProt ID	Q06889
SDS-PAGE	

15% SDS-PAGE

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