Recombinant Human Early Growth Response 4

Cat. No. EGR4-2084H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Early Growth Response 4 is produced inSf9 Cells.
Species	Human
Source	Sf9 Cells
Description	The recombinant EGR-4 protein can be employed in the following fields of research: a) Promoter studies: Identification of EGR-4 binding promoter elements. b) Detection of EGR-4 interacting proteins. c) Signal transduction: Assay for the effect on the nuclear component EGR-4. d) Screening for EGR-4 activity in tumor cells and lines. e) Drug screening: Effect on EGR-4 generation and DNA binding.
Purity	≥95% (SDS-PAGE).
Formulation	Liquid. In 20mM HEPES, pH 7.9, containing 25% glycerol, 420mM sodium chloride, 0.2mM EDTA and 1.5mM magnesium chloride.
Specificity	Binds specifically to an oligonucleotide with the sequence GCG GGG GCG.
Application	EMSA promoter characterization, in vitro transcription assay, analysis of nuclear extracts (oligonucleotides and recombinant protein serve as positive control).
Storage	-80°C. Avoid freeze/thaw cycles.

GENE INFORMATION

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Gene Name	EGR4 early growth response 4 [Homo sapiens]
Synonyms	EGR4; early growth response 4; NGFIC; NGFI-C; PAT133; AT133; EGR-4
Gene ID	1961
mRNA Refseq	NM_001965
Protein Refseq	NP_001956
MIM	128992
UniProt ID	Q05215
Chromosome Location	2p13
Function	metal ion binding; transcription activator activity; transcription factor activity; zinc ion binding

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