

Total Egr-2 Cell-Based Colorimetric ELISA Kit

Catalog No :	KA3556C
Reactivity :	Human;Mouse;Rat
Applications :	ELISA
Gene Name :	EGR2
Human Swiss Prot No :	P18146/P11161
Storage Stability :	2-8°C/6 months
Detection Method :	Colorimetric
Background :	<p>function:Transcriptional regulator. Recognizes and binds to the DNA sequence 5'-CGCCCCCGC-3'(EGR-site). Activates the transcription of target genes whose products are required for mitogenesis and differentiation.,induction:By growth factors.,similarity:Belongs to the EGR C2H2-type zinc-finger protein family.,similarity:Contains 3 C2H2-type zinc fingers.,</p>
Function :	<p>negative regulation of transcription from RNA polymerase II promoter, cell activation, immune system development,leukocyte differentiation, transcription, regulation of transcription, DNA-dependent, regulation of transcription from RNA polymerase II promoter, behavior, learning or memory, negative regulation of biosynthetic process, positive regulation of biosynthetic process, response to organic substance, positive regulation of macromolecule biosynthetic process, negative regulation of macromolecule biosynthetic process, positive regulation of macromolecule metabolic process, negative regulation of macromolecule metabolic process, positive regulation of gene expression, negative regulation of gene expression, negative regulation of transcription, hemopoiesis, lymphocyte differentiation, T cell differentiation, negative regulation of cellular biosynthetic process, positive regulation of</p>
Subcellular Location :	Nucleus . Cytoplasm .
Expression :	Detected in neutrophils (at protein level).



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