Early Growth Response Protein 4 (EGR4) ELISA Kit for Rabbit

PRODUCT OVERVIEW

Product Name	Early Growth Response Protein 4 (EGR4), ELISA Kit
Full Product Name	Rabbit Early Growth Response Protein 4 ELISA Kit
Product Gene Name	EGR4 elisa kit
Species Reactivity	Rabbit
Assay Type	Sandwich
Preparation and Storage	Store all reagents at 2-8 degree C
Molecular Weight	61,623 Da
Chromosome Location	Chromosome: 2; NC_000002.11 (73518057..73520829, complement). Location: 2p13
OMIM	128992
3D Structure	ModBase 3D Structure for Q05215
Related Product Information for EGR4 elisa kit	MBS007481 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Early Growth Response Protein 4 (EGR4) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing EGR4. The ELISA analytical biochemical technique of the MBS007481 kit is based on EGR4 antibody-EGR4 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect EGR4 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, EGR4. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of EGR4 elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for EGR4. It may not necessarily be applicable to this product.

NCBI GI #	237512940
NCBI GeneID	1961
NCBI Accession #	NP_001956.3
UniProt Primary Accession #	Q05215
UniProt Secondary Accession #	Q2Z1P5; B2RAE3; G3V1T5
UniProt Related Accession #	Q05215
GenBank Nucleotide #	NM_001965.3
NCBI Official Full Name	early growth response protein 4
NCBI Official Synonym Full Names	early growth response 4
NCBI Official Symbol	EGR4
NCBI Official Synonym Symbols	NGFIC; NGFI-C; PAT133
UniProt Protein Name	Early growth response protein 4

UniProt Synonym Protein Names	AT133
Protein Family	Early growth response protein
UniProt Gene Name	EGR4
UniProt Synonym Gene Names	EGR-4
UniProt Entry Name	EGR4_HUMAN
NCBI Protein Information	early growth response protein 4; AT133; EGR-4
UniProt Comments for EGR4	EGR4: Transcriptional regulator. Recognizes and binds to the DNA sequence 5'-GCGGGGGCG-3' (GSG). Activates the transcription of target genes whose products are required for mitogenesis and differentiation. Belongs to the EGR C2H2-type zinc-finger protein family. Protein type: C2H2-type zinc finger protein; DNA-binding Chromosomal Location of Human Ortholog: 2p13 Cellular Component: cytoplasm; nucleus Molecular Function: DNA binding; metal ion binding; transcription factor activity Biological Process: regulation of transcription, DNA-dependent; transcription, DNA-dependent; positive regulation of cell proliferation; negative regulation of apoptosis
Research Articles on EGR4	**1.** data suggest a tendency of gender-specific association of EGR2 and EGR4 in schizophrenia.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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