EGR4 Blocking Peptide

PRODUCT OVERVIEW

Product Name	EGR4, Blocking Peptide
Full Product Name	EGR4 Blocking Peptide
Product Gene Name	EGR4 blocking peptide
Product Synonym Names	AT133; Early growth response protein 4; Nerve growth factor induced clone C; NGFI C; NGFIC; PAT133
Antibody/Peptide Pairs	EGR4 peptide (MBS9633115) is used for blocking the activity of EGR4 antibody (MBS9630732)
Molecular Weight	61,623 Da
Chromosome Location	Chromosome: 2; NC_000002.11 (73518057..73520829, complement). Location: 2p13
OMIM	128992
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for EGR4 blocking peptide	MBS9633115 is a blocking peptide targeting EGR4.
Other Notes	Small volumes of EGR4 blocking peptide 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: transcription, DNA-dependent; regulation of 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.
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