

Recombinant Human EGR4 Protein, GST-tagged

Cat. No. EGR4-3126H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EGR4 full-length ORF (BAG36840.1, 1 a.a. - 486 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	EGR4 (Early Growth Response 4) is a Protein Coding gene. Diseases associated with EGR4 include Cryptorchidism. Among its related pathways are Downstream signaling in naive CD8+ T cells and Calcineurin-regulated NFAT-dependent transcription in lymphocytes. GO annotations related to this gene include transcription factor activity, sequence-specific DNA binding. An important paralog of this gene is EGR2.
Molecular Mass	79.86 kDa
AA Sequence	MLHLSEFSEPDALLVKSTEGCCAEPsAELPRLPARDAPAATGYPGAGDFLSWALNS CGASGDLADSCFLEGPAPTPPPGLSYSGSFFIQAVPEHPHDPEALFNLMsGILGLAP FPGPEAAASRSPLDAPFPAGSDALLPGPPDLYSPDLGAAPFPEAFWEASPCAGAPS QCLYEPQLSPPDVKPGLRAPPASPALDAVSFAKGPYAPWELLSVGAPGNCGSQGD YQAAPEARFPVIGTKIEDLLSISCPAELPAVPANRLYPSGAYDAFPLAPGDLGEGAEG LPGLLTPPSGEGGSSGDGGEFLASTQPQLSPLGLRSAAAADFPKPLVADIPGSSGV AAPPMPPPPTPFPPQAKARRKGRRGGKCSTRFCPRPHAKAFACPVESCVRsSFAR SDELNRHLRIHTGHKPFQCRICLRNFSRSDHLTTHVVRTHTGEKPFACDVCGRRFAR

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	SDEKKRHSKVHLKQKARAEERLKGLGFYSLGLSFASL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	EGR4 early growth response 4 [Homo sapiens]
Official Symbol	EGR4
Synonyms	EGR4; early growth response 4; early growth response protein 4; NGFI C; PAT133; AT133; EGR-4; NGFIC; NGFI-C;
Gene ID	1961
mRNA Refseq	NM_001965
Protein Refseq	NP_001956
MIM	128992
UniProt ID	Q05215

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