

Recombinant Full Length Human EGR4 Protein, GST-tagged

Cat. No. EGR4-4315HF **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	In Vitro Cell Free System
ProteinLength	486 amino acids
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 QCLYEPQLSPPDVKPGLRAPPASPALDAVSAFKGPYAPWELLSVGAPGNCGSQGD YQAAPEARFPVIGTKIEDLLSISCPAELPAVPANRLYPSGAYDAFPLAPGDLGEGAEG LPGLLTPPSGEGGSSGDGGEFLASTQPQLSPLGLRSAAAADFPKPLVADIPGSSGV AAPMPPPPPTFPFQAKARRKGRRGGKCSTRFCPRPHAKAFACPVESCVRFSAR

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	SDELNRHLRIHTGHKPFQCRICLRNFSRSDHLTTHVVRTHTGEKPFACDVCGRRFAR 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

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UniProt ID

Q05215

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