Recombinant Human EGR1 Protein, His-tagged

Cat. No. EGR1-628H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EGR1(Gln282~Ser433) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gln282~Ser433
Description	The protein encoded by this gene belongs to the EGR family of C2H2-type zinc-finger proteins. It is a nuclear protein and functions as a transcriptional regulator. The products of target genes it activates are required for differentitation and mitogenesis. Studies suggest this is a cancer suppressor gene.
Form	20mM Tris, 150mM NaCl,pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Molecular Mass	21.4kDa
Identity	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 97%

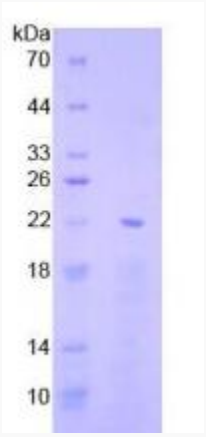
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

GENE INFORMATION

Gene Name	EGR1 early growth response 1 [Homo sapiens]
Official Symbol	EGR1
Synonyms	EGR1; early growth response 1; early growth response protein 1; AT225; G0S30; KROX 24; nerve growth factor induced protein A; NGFI A; TIS8; transcription factor ETR103; ZIF 268; zinc finger protein 225; ZNF225; EGR-1; transcription factor Zif268; zinc finger protein Krox-24; nerve growth factor-induced protein A; NGFI-A; KROX-24; ZIF-268;
Gene ID	1958
mRNA Refseq	NM_001964
Protein Refseq	NP_001955

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

MIM	128990
UniProt ID	P18146
	

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA