

Recombinant Human EGR1 Protein (444-543 aa), His-tagged

Cat. No. EGR1-1384H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EGR1 Protein (444-543 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Transcription. Protein Description: Partial.
Species	Human
Source	Yeast
ProteinLength	444-543 aa
Description	Transcriptional regulator. Recognizes and binds to the DNA sequence 5'-CGCCCCCGC-3'(EGR-site). Activates the transcription of target genes whose products are required for mitogenesis and differentiation.
Form	Tris-based buffer,50% glycerol
Molecular Mass	12.1 kDa
AA Sequence	SPVATSYSPVTTSYPSPATTSYSPVPTSFSSPGSSTYSPVHSGFPSPSVATTYS SVPPAFPAQVSSFPSSAVTNSFSASTGLSDMTATFSPRTIEIC
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name EGR1 early growth response 1 [Homo sapiens]

Official Symbol EGR1

Synonyms EGR1; AT225; G0S30; KROX 24; NGFI A; TIS8; ZIF 268; ZNF225; EGR-1; NGFI-A; KROX-24; ZIF-268;

Gene ID 1958

mRNA Refseq NM_001964

Protein Refseq NP_001955

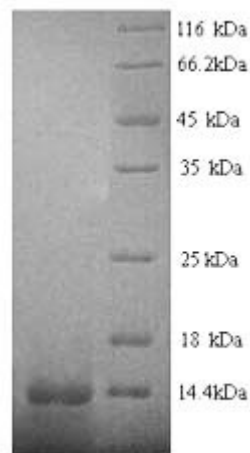
MIM 128990

UniProt ID P18146

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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