

Recombinant Mouse Egr2 protein, His-tagged

Cat. No. Egr2-30M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Egr2(Gly150~Ser407) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Gly150~Ser407
Description	Egr2 played an imporant role in many functions.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300
Molecular Mass	29.5kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Applications	SDS-PAGE; WB; ELISA; IP
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.

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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	Egr2 early growth response 2 [Mus musculus]
Official Symbol	Egr2
Synonyms	EGR2; early growth response 2; E3 SUMO-protein ligase EGR2; zinc finger protein Krox-20; early growth response protein 2; Egr-2; Zfp-6; Krox20; NGF1-B; Zfp-25; Krox-20;
Gene ID	13654
mRNA Refseq	NM_010118
Protein Refseq	NP_034248
UniProt ID	P08152
Chromosome Location	10 B5.1; 10 34.96 cM
Pathway	Adipogenesis, organism-specific biosystem; Developmental Biology, organism-specific biosystem; HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem; Transcriptional Regulation of White Adipocyte Differentiation, organism-specific biosystem;

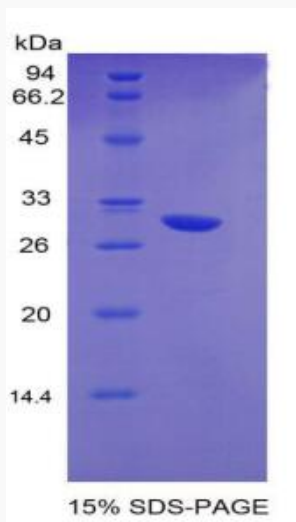
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Function

DNA binding; HMG box domain binding; RNA polymerase II activating transcription factor binding; chromatin binding; ligase activity; metal ion binding; nucleic acid binding; protein binding; sequence-specific DNA binding transcription factor activity; sequence-specific DNA binding transcription factor activity; sequence-specific DNA binding transcription factor activity; transcription regulatory region DNA binding; ubiquitin protein ligase binding; zinc ion binding;



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