

## Product datasheet

# Recombinant Human Egr1 protein ab185397

### Description

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<b>Product name</b>	Recombinant Human Egr1 protein	
<b>Purity</b>	> 95 % SDS-PAGE. Purity is greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.	
<b>Endotoxin level</b>	< 1.000 Eu/µg	
<b>Expression system</b>	Escherichia coli	
<b>Accession</b>	<a href="#">P18146</a>	
<b>Protein length</b>	Protein fragment	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	MGSSHHHHHSSGLVPRGSHMQQPSLTPLSTIKAFATQS GSQDLKALNTS YQSQLIKPSRMRKYPNRPSTPPHERPYACPVESCDRRF SRSDELTRHIR IHTGQKPFQCRICMRNFSRSDHLTTHIRHTHTGEKPFACDIC GRKFARSDE RKRHTKIHLRQKDKKADKSVVAS	
<b>Predicted molecular weight</b>	20 kDa including tags	
<b>Amino acids</b>	282 to 433	
<b>Tags</b>	His tag N-Terminus	

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab185397** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE HPLC
<b>Form</b>	Lyophilized

### Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Reconstitute for long term storage.
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pH: 7.40  
Constituent: 100% PBS

#### Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 3X PBS. Please aliquot the reconstituted solution

#### General Info

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##### Function

Transcriptional regulator. Recognizes and binds to the DNA sequence 5'-CGCCCCGC-3'(EGR-site). Activates the transcription of target genes whose products are required for mitogenesis and differentiation.

##### Sequence similarities

Belongs to the EGR C2H2-type zinc-finger protein family.  
Contains 3 C2H2-type zinc fingers.

##### Cellular localization

Nucleus.

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

#### Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
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- Extensive multi-media technical resources to help you
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