

## Recombinant Rat Atf4 protein, His&Myc-tagged

Cat. No. Atf4-183R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Atf4 protein(Q9ES19)(1-347aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-347aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	45.6 kDa
<b>AA Sequence</b>	MTEMSFLNSEVLGDLMSFPDQSGLGAEESLGLLDDYLEVAKHFKPHGFSSDKAGS SEWLAMDGLVSASDTGKEDAFSGTDWMLKMDLKEFDALFRMDDLETMPDELL ATLDDTCDLFAPLVQETNKEPPQTVNPIGHLPESVIKVDQAAPFTFLQPLPCSPGFLS STPDHSFSLELGSEVDISEGDRKPDAAAYITLTPQCVKEEDTPSDSDSGICMSPESYL GSPQHSPSTSRAPPDSLPSPGVPRGSRPKPYDPPGVSVTAKVKTEKLDKCLKKME QNKTAATRYRQKKRAEQEALTGECKELEKKNALKEKADSLAKEIQYLKDLIEEVRK ARGKKRVP
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.

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**Storage** Store at -20°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution** We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## GENE INFORMATION

**Gene Name** [Atf4 activating transcription factor 4 \(tax-responsive enhancer element B67\) \[ Rattus norvegicus \]](#)

**Official Symbol** [Atf4](#)

**Synonyms** ATF4; activating transcription factor 4 (tax-responsive enhancer element B67); cyclic AMP-dependent transcription factor ATF-4; rATF-4; activating transcription factor ATF-4; cAMP-dependent transcription factor ATF-4;

**Gene ID** [79255](#)

**mRNA Refseq** [NM\\_024403](#)

**Protein Refseq** [NP\\_077379](#)

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