

Recombinant Rat Atf4 protein, His&Myc-tagged

Cat. No. Atf4-184R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Atf4 protein(Q9ES19)(1-347aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	1-347aa
Form	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.
Molecular Mass	43.2 kDa
AA Sequence	MTEMSFLNSEVLGDLMSFPDQSGLGAEESLGLLDDYLEVAKHFKPHGFSSDKAGS SEWLAMDGLVSASDTGKEDAFSGTDWMLKMDLKEFDALFRMDDLETMPDELL ATLDDTCDLFAPLVQETNKEPPQTVNPIGHLPESVIKVDQAAPFTFLQPLPCSPGFLS STPDHSFSLELGSEVDISEGDRKPDAAAYITLTPQCVKEEDTPSDSDSGICMSPESYL GSPQHSPSTSRAPPDSLPSPGVPRGSRPKPYDPPGVSVTAKVKTEKLDKCLKKME QNKTAATRYRQKKRAEQEALTGECKELEKKNEALKEKADSLAKEIQYLKDLIEEVRK ARGKKRVP
Purity	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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