Recombinant Rat Atf4 protein, His&Myc-tagged

Cat. No. Atf4-183R **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	45.6 kDa
AA Sequence	MTEMSFLNSEVLAGDLMSPFDQSGLGAEESLGLLDDYLEVAKHFKPHGFSSDKAGS SEWLAMDGLVSASDTGKEDAFSGTDWMLEKMDLKEFDFDALFRMDDLETMPDELL ATLDDTCDLFAPLVQETNKEPPQTVNPIGHLPESVIKVDQAAPFTFLQPLPCSPGFLS STPDHSFSLELGSEVDISEGDRKPDSAAYITLTPQCVKEEDTPSDSDSGICMSPESYL GSPQHSPSTSRAPPDSLPSPGVPRGSRPKPYDPPGVSVTAKVKTEKLDKKLKKME 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 mutiple 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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