

Recombinant Full Length Human Cyclic Amp-Dependent Transcription Factor Atf-6 Alpha(Atf6) Protein, His-Tagged

Cat. No. RFL-3371HF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Human Cyclic AMP-dependent transcription factor ATF-6 alpha(ATF6) Protein (P18850) (1-670aa), fused to N-terminal His tag, was expressed in E. coli.

Species Human

Source E.coli

ProteinLength Full Length (1-670)

Form Lyophilized powder

AA Sequence

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MGEPAGVAGTMESPFSPGLFHRLDEDWDSALFAELGYFTDDELQLEANETYEN
NFDNLDFDLMPWESDIWDINNQICTVKDIKAEPQPLSPASSYSVSSPRSVDSYS
STQHVPEELDLSSSSQMSPLSLYGENSNLSLSSAEPLKEDKPVGTGPRNKTEGLTPK
KKIQVNSKPSIQPKPLLLPAAPKTQTNSSVPAKTIITVPTLMPLAKQQPIISLQPAPT
KGQTVLLSQPTVVQLQAPGVLPQAQVLAAGGVTQLPNHVNVVPAPSANSPVNG
KLSVTKPVLQSTMRNVGSDIAVLRQQRMIKNRESACQSRKKKKEYMLGLEARLKA
ALSENEQLKKENGLTKRQLDEVVSENQRLKVPSPKRRVVCVMIVLAFIILNYGPMMSM
LEQDSRRMNPSVSPANQRHLLGFSAKEAQDTSBGIIQKNSYRYDHSVSNDKALMV
LTEEPLLYIPPPCQPLINTTESLRLNHELGRWVHRHEVERTKSRRMTNNQKTRIL
QGALEQGSNSQLMAVQYTETTSSISRNSGSELQVYYASPRSYQDFFEAIRRRGDTF
YVVSFRRDHLLLPAATHNKTRPKMSIVLPAININENVINGQDYEVMMQIDCQVMDTR
    
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ILHIKSSSVPPYLRDQQRNQTNTFFGSPPAATEATHVVSTIPESLQ

Purity Greater than 90% as determined by SDS-PAGE.

Applications SDS-PAGE

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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 ATF6

Synonyms ATF6; Cyclic AMP-dependent transcription factor ATF-6 alpha; cAMP-dependent transcription factor ATF-6 alpha; Activating transcription factor 6 alpha; ATF6-alpha

UniProt ID [P18850](https://www.uniprot.org/protein/P18850)

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