

Recombinant Full Length Saccharomyces Cerevisiae Mitochondrial Respiratory Chain Complexes Assembly Protein Afg3(Afg3) Protein, His-Tagged

Cat. No. RFL18089SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Saccharomyces cerevisiae Mitochondrial respiratory chain complexes assembly protein AFG3(AFG3) Protein (P39925) (1-761aa), fused to N-terminal His tag, was expressed in E. coli.
Species	S.cerevisiae
Source	E.coli
ProteinLength	Full Length (1-761)
Form	Lyophilized powder
AA Sequence	MMMWQRYARGAPRSLTSLSFGKASRISTVKPVLRSRMPVHQRLQTL SGLATRNTH RSTQ IRSFHISWTRLNENRPNKEGEGKNNGNKDNNSNKEDGKDKRNEFGSLSEYF RSKEFANTM FLTIGFTIIFTLTPSSNNSGDDSNRVLTFQDFKTKYLEKGLVSKIYV VNN KFLVEAELVN TKQVVSFTIGSVDIFEEQMDQIQDLLNIPPRDRIPIKIERSSPFTFLFP FLPTIILLGG LYFITRKINSSPPNANGGGGGGLGGMFNVGKSRAKLFNKETDIKISFK NVAGCDEAKQEI MEFVHFLKNPGKYTKLGAKIPRGAILSGPPGTGKTLLAKATAGEA NVPFLSVSGSEFVEM FVGVGASRVRLFTQARSMAPSIIFIDEIDAIGKERGKGGAL GGANDEREATLNQLLVEM DGFTTSDQVVVLAGTNRPDVLDNALMRPGRFDRHIQID SPDVNGRQQIYLVHLKRLNLDLP LLTDDMNNLSGKLATLTPGFTGADIANACNEAALI AARHNDPYITIIHHFEQAIERVIAGL EKKTRVLSKEEKRSVAYHEAGHAVCGWFLKYA

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DPLLKVSIIPRGQGALGYAQLPPDQYL ISEEQFRHRMIMALGGRVSEELHFPSVTS
GAHDDFKKVTQMANAMVTSLGMSPKIGYLSF DQNDGNFKVKNKPFSENKTARTIDLEV
KSIVDDAHRACTELLTKNLDKVDLVAKELLRKEAI TREDMIRLLGPRPFKERNEAFEK
YLDPKSNTEPPEAPAATN

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 AFG3

Synonyms AFG3; YTA10; YER017C; Mitochondrial respiratory chain complexes assembly protein AFG3; ATPase family gene 3 protein; Tat-binding homolog 10

UniProt ID [P39925](#)

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