

# Recombinant Full Length Aspergillus Niger Mitochondrial Escape Protein 2(Yme2) Protein, His-Tagged

**Cat. No.** RFL5660AF    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

Recombinant Full Length Aspergillus niger Mitochondrial escape protein 2(yme2) Protein (A2QPL8) (41-832aa), fused to N-terminal His tag, was expressed in E. coli.

### Species

Aspergillus Niger

### Source

E.coli

### ProteinLength

Full Length (41-832)

### Form

Lyophilized powder

### AA Sequence

SHASFIETGHIDVKDDEGLVFNINIFPSKLQWLLQGPLSGNKTYEEALKRINRPHLAA  
SD PLHIIRRVFPQSLNVDIREVIPRFREGGAFVKYVRKDGVRDNDIVTAVQHHLEHN  
PIRPW FNPFFQQVKAHVHGRPWIEDLYRIPSQRLRVEFLPGSVDGAATELTTETLYS  
FFRRYGKL RDIERQPTDSKIAPRYAFVSFTRQKYAVMAKNMCMHGFTIPEEEGGGKS  
GTRIKIKYERKI KFSVIKDWILNHPRIVIPAIAALIAAITVTIFDPIRTFFIEMKIKATLQTEE  
NSVLQWIR NQANKANIIYFGRQRTDPRRLTAIWEDRQGDIKQLQSWLMENAETFIVI  
HGPRGTGKREL VLDRALENYKYKVIDCKQIQDAKGD TAKIARAASQVGYRPVFSW  
MNSMSSFIDLAAQGM IGTKAGFSETLDAQLSKIWQNTATAALKRVALSNRKKDDKEA  
HLSDEEYLEAHPEQRPVVV IDNFLHNATESSVVYDKITWAAGLTTGNIAHVVFLTT  
DVSFSKPLSKALPNSVFRTISL GDCSLDVGRKFVLSHLEHGAKDGANSGQNMEEVG  
DLGTLDSCEIVLGGRVTDLEFMARRI ESGETPRAAVNRIIEQSASEILKMFVDPDIES  
KQWSHEQAWHLIKTLAHSQDGTLPYNQ VLLSDLFKENGETTLRALEQAELIAISSVN

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GCPDAVKPGKPVYRAVFKRLTENKTLSSRL DLDIVKQLLSSSENK SIGKYEQELQVLG  
SLPKQPRELSARIQWLLQKVASSQNKISQYEHE SAILQKVLRRRH

**Purity** Greater than 90% as determined by 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 multiple 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** yme2

**Synonyms** yme2; An07g09890; Mitochondrial escape protein 2

**UniProt ID** [A2QPL8](#)

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