

Recombinant Full Length Saccharomyces Cerevisiae Dynamin-Like Gtpase Mgm1, Mitochondrial(Mgm1) Protein, His-Tagged

Cat. No. RFL10125SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Saccharomyces cerevisiae Dynamin-like GTPase MGM1, mitochondrial(MGM1) Protein (P32266) (140-881aa), fused to N-terminal His tag, was expressed in E. coli.
Species	S.cerevisiae
Source	E.coli
ProteinLength	Full Length of Mature Protein (140-881)
Form	Lyophilized powder
AA Sequence	ATLIAATSLDDDESKRQGDPKDDDDDEDDDDDEDDENDSVDTTQDEMLNLTQMIEIRT ILN KVDSSSAHLTLPSIVVIGSQSSGKSSVLESIVGREFLPKGSNMVTRRPIELTLVNT PNSN NVTADFPSMRLYNIKDFKEVKRMLMELNMAVPTSEAVSEEPIQLTIKSSRVPD LSLVDLP GYIQVEAADQPIELKTKIRDLCCKYL TAPNIILAISAADVLANSSALKASKA ADPKGLR TIGVITKLDLVDPEKARSILNNKKYPLSMGYVGVITKTPSSINRKHLGLFGE APSSSLSG IFSKGQHGQSSGEENTNGLKQIVSHQFEKAYFKENKKYFTNCQVSTKK LREKLKILEIS MSNALEPTSTLIQQELDDTSYLFKVEFNDRHLTPKSYLLNNIDVLKLG IKEFQEKFHRNE LKSILRAELDQKVLDVLATRYWKDDNLQDLSSSKLESDDTDMLYW HKKLELASSGLTKMGI GRLSTMLTTNAILKELDNILESTQLKNHELIKDLVSNTAINVL NSKYYSTADQVENCIP FKYEIDLEERDWSLARQHSINLIKEELRQCNSRYQAIKNAV

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GSKKLANVMGYLENESNLQ KETLGMSKLLLERGSEAIFLDKRCKVLSFRLKMLKNK
CHSTIEKDRCPEVFLSAVSDKLT STAVLFLNVELLSDDFFYNFPIELDRRLTLLGDEQV
EMFAKEDPKISRHIELQKRKELLEL ALEKIDSILVFKKSYKGVSKNL

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 MGM1

Synonyms MGM1; MDM17; YOR211C; YOR50-1; Dynamin-like GTPase MGM1, mitochondrial; Mitochondrial division and morphology protein 17; Mitochondrial genome maintenance protein 1

UniProt ID [P32266](#)

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