



Recombinant Aquifex aeolicus DNA mismatch repair protein MutS (mutS)

Product Code	CSB-YP524095DNU
Relevance	This protein is involved in the repair of mismatches in DNA. It is possible that it carries out the mismatch recognition step. This protein has a weak ATPase activity (By similarity).
Abbreviation	Recombinant Aquifex aeolicus mutS protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	O66652
Product Type	Recombinant Protein
Immunogen Species	Aquifex aeolicus (strain VF5)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MEKSEKELTPMLSQYHYFKNQYPDCLLLFRLGDFYELFYEDAYIGSKELGLVLT SRPAGKGKERIPMCGVPYHSANSYIAKLVNKGKYKVAICEQVEDPSKAKGIVKR EVVRVITPGTFFERDTGGLASLYKKGNHYYVGYLNLAVGEFLGAKVKIEELDL LSKLNIEILVKKGEKLP EELEKVLKVYVSELEEEFFEEGSEEILKDFGVLSLQAF GFEEDTYSPLGAVYKYAKTTQKGYTPLIPRPKPYRDEGFVRLDIKAIKGLEILE SLEGRKDISLFKVIDRTLTMGRRRLKFRLLSPFRSREKIERIQEGVQELKENR EALLKIRQILEGMADLERLVSKISSNMATPRELVYLKNSLKKVEELRLLLLLELKAP IFKEILQNFEDTKKIINDIEKTLVEDPPLHVKEGGLIREGVNAYLDELRFIRDNAET YLREYEKKLRQETGIQSLKIGYNKVMGYIIEVTKPNLKYVPSYFRRRQTLNSENSE RFTTEELQRLEEKILSAQTRINDLEYELYKELRERVVKELDKVGNNASAVAEVD FIQSLAQIAYEKDWAKPQIHEGYELIIEEGRHPVIEEFVENYVPNDTKLDRDSFIH VITGPNMAGKSSYIRQVGVLTLLSHIGSFIPARRAKIPVVDALFTRIGSGDVLALG VSTFMNEMLEVSNILNNATEKSLVILDEVGRGTSTYDGAISKAIVKYISEKLLKAK TLLATHFLEITELEGKIEGVKNYHMEVEKTPEGIRFLYILKEGKAEGSFGIEVAKL AGLPEEVVEEARKILRELEEKENKKEDIVPLLEETFKKSEEAQRLEEYEEIIEKIE EIDIGNTTPLQALLILAEELKKKCSFSKESGA
Research Area	Others
Source	Yeast
Target Names	mutS
Protein Names	Recommended name: DNA mismatch repair protein MutS
Expression Region	1-859aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged

