

Product Datasheet

Yeast mutS protein (orb246846)

Description

Recombinant Aquifex aeolicus DNA mismatch repair protein MutS

Endotoxins

Not test.

Preservatives

If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

Form/Appearance

Liquid or Lyophilized powder

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.

Tag

N-terminal 6xHis-tagged

Note

For research use only

Application notes

This is His-tag protein

Protein Sequence

MEKSEKELTPMLSQYHYFKNQYPDCLLLFRLGDFYELFYEDAYIGSKELGLVLTSR
PAGKGKERIPMCGVPYHSANSYIAKLVNKGKVAICEQVEDPSKAKGIVKREVR
VITPGTFFERDTGGLASLYKKGNHYYVGYLNLAUGEFLGAKVKIEELDLLSKLNIK
EILVKKGEKLPEELEKVLKVYVSELEEEFFEEGSEEILKDFGVLSLQAFGFEEETYS
LPLGAVYKYAKTTQKGYTPLIPRPKPYRDEGFVRLDIKAIKGLEILESLEGRKDISLF
KVIDRTLTMGRRRLKFRLLSPFRSREKIERIQEGVQELKENREALLKIRQILEGMA
DLERLVSKISSNMATPRELVYLKNSLKKVEELRLLLLLELKAPIFKEILQNFEDTKKIIN
DIEKTLVEDPPLHVKEGGLIREGVNAYLDELRFIRDNAETYLREYEKKLRQETGIQ
SLKIGYNKVMGYIEVTKPNLKYPVPSYFRRRQTLNSERFTTEELQRLEEKILSAQT
RINDLEYELYKELRERVVKELDKVGNNASAVAEDFIQSLAQIAYEKDWAKPQIH
EGYELIIEGRHPVIEEFVENYVPNDTKLDRDSFIHVITGPNMAGKSSYIRQVGVLT
LLSHIGSFIPARRAKIPVVDALFTRIGSGDVLALGVSTFMNEMLEVSNILNNATEKS
LVILDEVGRGTSTYDGAISKAIVKYISEKLKAKTLLATHFLEITELEGKIEGVKNYH
MEVEKTPEGIRFLYILKEGKAEGSFGIEVAKLAGLPEEVVEEARKILRELEEKENKK
EDIVPLLEETFKKSEEAQRLEEYEEIHKIEEIDIGNTTLPQALLILAEKKKCSFSKKE
SGA

Purity

Greater than 90% as determined by SDS-PAGE.

Source

Yeast

MW

100.4 kDa

Uniprot ID

O66652

Expiration Date

6 months from date of receipt.