Datasheet for ABIN1510426

# MDJ1 Protein (AA 67-528) (His tag)

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## Overview

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| Quantity: | 1 mg |
| Target: | MDJ1 |
| Protein Characteristics: | AA 67-528 |
| Origin: | Schizosaccharomyces pombe |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This MDJ1 protein is labelled with His tag. |
| Application: | ELISA |

## Product Details

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| Sequence: | NFSY HARCFHATRA VWEMTDPYKT LGVSKSASAS EIKSAYYKLA KQYHPDANPD KAAQDKFVEI KQAYEVLQDP KKKKAFDTYG AGAFKNGEFT GGDFEGFQNG FAGASSFSSG FPGFNFEDLF GFSSRGPQAR RNTSFDVFVG EDIEASITID FMEAVRGAKK DLSYSVSSTC SSCHGSGLQP GSHKSTCFAC KGTGQRLHFI PPSFHMQTTC DSCGGTGTTI PPNSACRSCM GSGTVRERKT VSIDIPPGID DNTVLRVMGA GNDASTAKGG PNAKSRPGDL FATIHVRKHP FFVREGTNVT YNAKIPMTTA ALGGTLRVPT LTGNVDLRVS PGTSTGDRIT MAGKGIRKVN TSRYGNFYVN FEVTIPKILS PHERSLLEQL ADALNDSTAR RTQSSPSGTN SSTSTSSTSS KHSTGISTEP TTGEENKQDG SVGGFFKRAF RRLHPDEDQN PKKDESSS |
| Specificity: | Schizosaccharomyces pombe (strain 972 / ATCC 24843) (Fission yeast) |
| Characteristics: | Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time. |

## Product Details

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| Purity: | > 90 % |

## Target Details

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| Target: | MDJ1 |
| Alternative Name: | DnaJ homolog 1, mitochondrial (mdj1) (MDJ1 Products) |
| Background: | Recommended name: DnaJ homolog 1, mitochondrial |
| UniProt: | P87239 |

## Application Details

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| Comment: | The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies. |
| Restrictions: | For Research Use only |

## Handling

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| Format: | Lyophilized |
| Concentration: | 0.2-2 mg/mL |
| Buffer: | Tris-based buffer, 50 % glycerol |
| Handling Advice: | Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week |
| Storage: | -20 °C |
| Storage Comment: | Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C. |