antibodies

## Datasheet for ABIN1631170 MRPL49 Protein (AA 1-166) (His tag)



| Overview                      |                                                                                                  |
|-------------------------------|--------------------------------------------------------------------------------------------------|
|                               |                                                                                                  |
| Quantity:                     | 1 mg                                                                                             |
| Target:                       | MRPL49                                                                                           |
| Protein Characteristics:      | AA 1-166                                                                                         |
| Origin:                       | Cynomolgus                                                                                       |
| Source:                       | Yeast                                                                                            |
| Protein Type:                 | Recombinant                                                                                      |
| Purification tag / Conjugate: | This MRPL49 protein is labelled with His tag.                                                    |
| Application:                  | ELISA                                                                                            |
| Product Details               |                                                                                                  |
| Sequence:                     | MAVTMFRAAL RGWRTDVQRG CGLRLLSQTQ GPPDYPSFVE SVDEYQFVER LLPATRIPDP                                |
|                               | PKHEHYPTPS GWQPPRDPPP NLPYFVRRSR MHNVPVYKDI THGNRQMTVI RKVEGDIWAL                                |
|                               | QKDVEDFLSP LLGKTPVTQV NEVTGTLRIK GYFDQELKAW LLEKGF                                               |
| Specificity:                  | Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)                                    |
| 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.            |
| Purity:                       | > 90 %                                                                                           |
| Target Details                |                                                                                                  |
| Target:                       | MRPL49                                                                                           |
| Alternative Name:             | 39S ribosomal protein L49, mitochondrial (MRPL49) (MRPL49 Products)                              |
|                               |                                                                                                  |

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| Target Details      |                                                                                                     |
|---------------------|-----------------------------------------------------------------------------------------------------|
| Background:         | Recommended name: 39S ribosomal protein L49, mitochondrial.                                         |
|                     | Short name= L49mt.                                                                                  |
|                     | Short name= MRP-L49                                                                                 |
| UniProt:            | Q4R5K7                                                                                              |
| Application Details |                                                                                                     |
| 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            |                                                                                                     |
| 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.                                |