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Datasheet for ABIN1676201
RRG1 Protein (AA 1-377) (His tag)

Overview

| | |
|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | RRG1 |
| Protein Characteristics: | AA 1-377 |
| Origin: | Candida sp. |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This RRG1 protein is labelled with His tag. |
| Application: | ELISA |

Product Details

| | |
|------------------|---|
| Sequence: | MITHFCELAA HRNYVLALYR HSLRNVSRIN SGFVKHKMKK VITNEARKHK NDKSSWSIYR RLKELKLLSD KLEDDQVND AYNLLDSFMKS VKKPKNELKG HLMKIRTEIE TNKNIQDKTR LTRLNLLHRY IAKKQQNQLL TKHIPDEYKE KLLLPLALHE KGILRLAAIR NQFKKGGYHA KLSFTMAGKT RIWFIRSMLN KRKKQSLRLR NLITSEKRRY LEVCKIVESL NENANWALHE AIWERYLDDG YLHATSSKGY LKMVEIEDNS VKLQNQNSK VVKCQRLQW LSPIQSSILS LENYLNQRQM KYAKLTKIL EPKGVDYDYYQ KSKRVFQNH MKTYKRMVKN ELPFVNPPIE RLSIGSILKR NGINVKY |
| Specificity: | Candida glabrata (strain ATCC 2001 / CBS 138 / JCM 3761 / NBRC 0622 / NRRL Y-65) (Yeast) (Torulopsis glabrata) |
| Characteristics: | Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time. |

Product Details

Purity: > 90 %

Target Details

Target: RRG1

Alternative Name: Required for respiratory growth protein 1, mitochondrial (RRG1) ([RRG1 Products](#))

Background: Recommended name: Required for respiratory growth protein 1, mitochondrial

UniProt: [Q6FT60](#)

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 modified 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.