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Datasheet for ABIN1621454 UCMA Protein (AA 27-138) (His tag)

Overview

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| Quantity: | 1 mg |
| Target: | UCMA |
| Protein Characteristics: | AA 27-138 |
| Origin: | Xenopus tropicalis |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This UCMA protein is labelled with His tag. |
| Application: | ELISA |

Product Details

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| Sequence: | AAVR SKDDPAPDKK ESLKSKIFMQ GSEASNFFKK RGKRSPKSQD EINAENRQRL SADERRREYY EEQRNEFENH VEEEQDEQEE RSREQIEQWR QWHYDGLSPS YLYQRQNI |
| Specificity: | Xenopus tropicalis (Western clawed frog) (Silurana tropicalis) |
| 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. |
| Purity: | > 90 % |

Target Details

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| Target: | UCMA |
| Alternative Name: | Unique cartilage matrix-associated protein (ucma) (UCMA Products) |

Target Details

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| Background: | Recommended name: Unique cartilage matrix-associated protein Cleaved into the following chain: 1. Unique cartilage matrix-associated protein C-terminal fragment. Short name= 2. Ucma-C. Alternative name(s): Gla-rich protein. Short name= GRP |
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UniProt: [Q28HK1](#)

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 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. |
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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. |