Datasheet for ABIN1475616

# EXOC7 Protein (AA 1-653) (His tag)

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## Overview

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|---|---|
| Quantity: | 1 mg |
| Target: | EXOC7 |
| Protein Characteristics: | AA 1-653 |
| Origin: | Rat |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This EXOC7 protein is labelled with His tag. |
| Application: | ELISA |

## Product Details

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| Sequence: | MIPPQEASAR RREIEDKLKQ EEETLSFIRD SLEKSDQLTK NMVSILSSFE SRLMKLENSI IPVHKQTENL QRLQENVEKT LSCLDHVISY YHVASDTEKI IREGPTGRLE EYLGSMAKIQ KAVEYFQDNS PDSPELNKVK LLFERGKESL ESEFRSLMTR HSKVISPVLV LDLISADDEL EVQEDVVLEH LPESVLQDVI RISRWLVEYG RNQDFMNVYY QIRSSQLDRS IKGLKEHFRK SSSSSGVPYS PAIPNKRKDT PTKKPIKRPG RDDMLDVETD AYIHCVSAFV RLAQSEYQLL MGIIPEHHQK KTFDSLIQDA LDGLMLEGEN IVSAARKAII RHDFSTVLTV FPILRHLKQT KPEFDQVLQG TAASTKNKLP GLITSMETIG AKALEDFADN IKNDPDKEYN MPKDGTVHEL TSNAILFLQQ LLDFQETAGA MLASQETSSS ATSYNSEFSK RLLSTYICKV LGNLQLNLLS KSKVYEDPAL SAIFLHNNYN YILKSLEKSE LIQLVAVTQK TAERSYREHI EQQIQTYQRS WLKVTDYIAE KNLPVFQPGV KLRDKERQMI KERFKGFNDG LEELCKIQKA WAIPDTEQRD KIRQAQKSIV KETYGAFLHR YSSVPFTKNP EKYIKYRVEQ VGDMIDRLFD TSA |
| Specificity: | Rattus norvegicus (Rat) |

## Product Details

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| 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

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| Target: | EXOC7 |
| Abstract: | EXOC7 Products |
| Background: | Recommended name: Exocyst complex component 7.<br>Alternative name(s): Exocyst complex component Exo70.<br>Short name= rExo70 |
| UniProt: | O54922 |
| Pathways: | Peptide Hormone Metabolism, ER-Nucleus Signaling, Synaptic Vesicle Exocytosis |

## 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 |

## Handling

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| | one week |
| Storage: | -20 °C |
| Storage Comment: | Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C. |

 