Datasheet for ABIN1046851

# COMMD4 Protein (AA 1-195, partial) (GST tag)

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## Overview

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| Quantity: | 100 µg |
| Target: | COMMD4 |
| Protein Characteristics: | AA 1-195, partial |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This COMMD4 protein is labelled with GST tag. |
| Application: | ELISA |

## Product Details

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| Sequence: | MRFRFCGDLD CPDWVLAEIS TLAKMSSVKL RLLCSQVLKE LLGQGIDYEK ILKLTADAKF ESGDVKATVA VLSFILSSAA KHSVDGESLS SELQQLGLPK EHAASLCRCY EEKQSPLQKH LRVCSLRMNR LAGVGWRVDY TLSSSLLQSV EEPMVHLRLE VAAAPGTPAQ PVAMSLSADK FQVLLAELKQ AQTLM |
| 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: | COMMD4 |
| Alternative Name: | COMM domain-containing protein 4 protein (COMMD4 Products) |

## Target Details

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| Background: | Down-regulates activation of NF-kappa-B. Ref.1 |
| Molecular Weight: | 48.8 kD |
| UniProt: | Q9H0A8 |

## 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 |

## Publications

| | |
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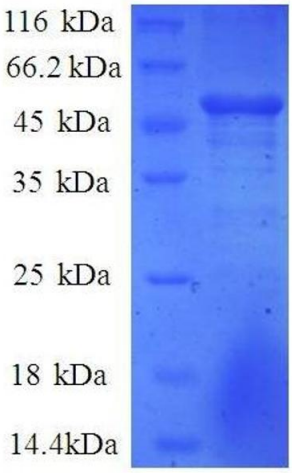
| Product cited in: | Harrop, McDonnell, Brigham-Burke, Lyn, Minton, Tan, Dede, Spampanato, Silverman, Hensley, DiPrinzio, Emery, Deen, Eichman, Chabot-Fletcher, Truneh, Young: "Herpesvirus entry mediator ligand (HVEM-L), a novel ligand for HVEM/TR2, stimulates proliferation of T cells and inhibits HT29 cell growth." in: **The Journal of biological chemistry**, Vol. 273, Issue 42, pp. 27548-56, ( 1998) (PubMed). |

## Publications

Mauri, Ebner, Montgomery, Kochel, Cheung, Yu, Ruben, Murphy, Eisenberg, Cohen, Spear, Ware: "LIGHT, a new member of the TNF superfamily, and lymphotoxin alpha are ligands for herpesvirus entry mediator." in: **Immunity**, Vol. 8, Issue 1, pp. 21-30, (1998) (PubMed).

## Images




**SDS-PAGE**

**Image 1.** COMM Domain Containing 4 (COMMD4) (AA 1-195), (partial) protein (GST tag)