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## Product Datasheet

### Human PDCD1 protein BYT-ORB705336

|                            |                                                                                                                                                       |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Human PDCD1 protein                                                                                                                                   |
| Biozol Catalog Number      | BYT-ORB705336                                                                                                                                         |
| Supplier Catalog Number    | orb705336                                                                                                                                             |
| Alternative Catalog Number | BYT-ORB705336-20,BYT-ORB705336-100,BYT-ORB705336-1                                                                                                    |
| Manufacturer               | Biorbyt                                                                                                                                               |
| Category                   | Proteine/Peptide                                                                                                                                      |
| Product Description        | This Human PDCD1 protein spans the amino acid sequence from region 25-167aa. Purity: Greater than 93% as determined by SDS-PAGE....                   |
| Molecular Weight           | 18.2 kDa                                                                                                                                              |
| UniProt                    | <a href="#">Q15116</a>                                                                                                                                |
| Buffer                     | Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0                                                                   |
| Source                     | Homo sapiens (Human)                                                                                                                                  |
| Purity                     | Greater than 93% as determined by SDS-PAGE.                                                                                                           |
| Form                       | Lyophilized powder                                                                                                                                    |
| Sequence                   | LDSPDRPWNPPTFSPALLVVTEGDNATFTCSFSNTSESVLNWYRMSPSNQT<br>DKLAAPFEDRSQPGQDCRFRTVQLPNGRDFHMSVVRARRNDSGYLCGAISL<br>APKAQIKESLRAELRVTERRAEVPTAHPSPSPRPAGQFQ |

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| Application Notes | <p>Biological Origin: Homo sapiens (Human). Biological Activity: Measured by its binding ability in a functional ELISA. Immobilized PD-1 at 2 µg/ml can bind Anti-PD-1 recombinant antibody, the EC50 of human PD-1 protein is 6.087-7.854 ng/ml. ②Measured by its binding ability in a functional ELISA. Immobilized PD-1 at 2 µg/ml can bind Nivolumab, the EC50 of human PD-1 protein is 9.713-12.39 ng/ml.</p> <p>Application Notes: We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference</p> |
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