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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-ORB705336-1, BYT-ORB705336-100, BYT-ORB705336-20
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	Q15116
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	LDSPDRPWNPPTFSPALLVVTEGDNATFTCSFSNTSESFVLNWYRMSPSNQT DKLAAFPEDRSQPGQDCRFRVTQLPNGRDFHMSVVRARRNDSGTYLCGAISL APKAQIKESLRAELRVTERRAEVPTAHPSPSPRPAGQFQ

Application Notes

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. 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