



Programmed Cell Death 1 Human Recombinant

Item Number	rAP-4579
Synonyms	Programmed Cell Death 1, Systemic Lupus Erythematosus Susceptibility 2, Protein PD-1, HPD-1, PD1, Programmed Cell Death 1 Protein, Programmed Cell Death Protein 1, CD279 Antigen, CD279, HPD-L, HSLE1, SLEB2, PD-1.
Description	PDCD1 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 392 amino acids (21-170a.a.) and having a molecular mass of 44.0kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa).PDCD1 is expressed with a 239 amino acids hlgG-His tag at
Uniprot Accession Number	Q15116
Amino Acid Sequence	ADPPGWFLDS PDRPWNPTF SPALLVVTEG DNATFTCSFS NTSESFVLNW YRMSPSNQTD KLAAFPEDRS QPGQDCRFRV TQLPNGRDFH MSVVRARRND SGTYLCGAIS LAPKAIKES LRAELRVTER RAEVPTAHPS PSPRPAGQFQ TLVLEPKSCD KTHTCPPCPA PELLGGPSVF LFPPKPKDTL MISRTPEVTC VVVDVSHEDP EVKFNWYVDG VEVHNAKTKP REEQYNSTYR VVSVLTVLHQ DWLNGKEYKC KVSNAKPAP IEKTISKAKG QPREPQVYTL PPSRDELTKN QVSLTCLVKG FYPSDIAVEW ESNQGPENNY KTTTPVLDSG GSFFLYSKLT VDKSRWQQGN VFSCSVM-
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	PDCD1 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**