

## Product Datasheet

### PD-1 Protein, Canine, Recombinant (aa 25-170, hFc) (orb1960214)

<b>Description</b>	Programmed cell death protein 1, also known as PD-1 and CD279 , is a protein found on the surface of cells that has a role in regulating the immune system's response to the cells of the human body by down-regulating the immune system and promoting self tolerance by suppressing T cell inflammatory activity. PD-1 Protein, Canine, Recombinant (aa 25-170, hFc) is expressed in HEK293 mammalian cells with C-hFc tag. The predicted molecular weight is 43.00 kDa and the accession number is A0A090BAM7.
<b>Storage</b>	-20°C
<b>Tag</b>	C-hFc
<b>Note</b>	For research use only
<b>Application notes</b>	Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 µg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.
<b>Purity</b>	98.00%
<b>MW</b>	43.00 kDa (predicted). Due to glycosylation, the protein migrates to 55-70 kDa based on Tris-Bis PAGE result.
<b>Uniprot ID</b>	NP_001301026.1
<b>Expiration Date</b>	6 months from date of receipt.

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