6042 Cornerstone Court W, Ste B
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Data Sheet

PD-1 (Monkey), Fc fusion (Human IgG1), Biotin-labeled

Macaca fascicularis, Recombinant, Fc fusion protein, C-terminal Avitag™
Catalog #: 71235
Lot #: 150806 **Conc.:** 0.95 mg/ml

Formulated in: 8 mM phosphate, pH 7.4, 110 mM NaCl, 2.2 mM KCl, and 20% glycerol.

Stability: At least 6 months at –80°C. *Avoid freeze/thaw cycles. Protein may be diluted to ≥ 100 µg/ml in PBS + glycerol and stored at -80°C.*

References:

1. Shinohara, T., *et al., Genomics.* 1994 Oct;**23(3)**:704-6.
2. James, E.S., *et al., Genes Immun.* 2005 Aug;**6(5)**:430-7.

Description:
Secreted monkey Programmed Cell Death 1 (PD-1)-Fc fusion protein, also known as CD279, PDCD1, and SLEB2, GenBank Accession No. NP_001271065.1, a.a. 25-167, fused at the C-terminus to the Fc portion of human IgG1 with a C-terminal Avitag™, expressed in a HEK293 cell expression system. MW = 42.6 kDa. Note: this protein runs at an apparent higher molecular weight due to glycosylation. Biotinylation was confirmed to be >90%.

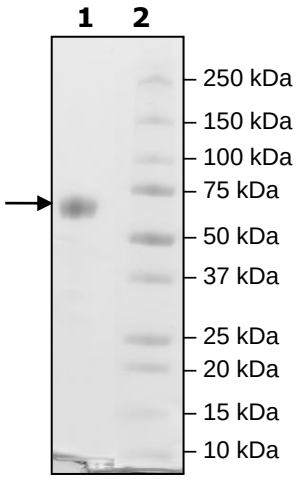
Application:
Useful for the study of protein-protein interaction and *in vitro* and *in vivo* protein function studies.

Quality Assurance

4-20% SDS-PAGE
Coomassie staining

Lane 1:
3 µg PD-1
Lane 2:
Protein Marker

MW: 44.5 kDa
Purity: ≥90%



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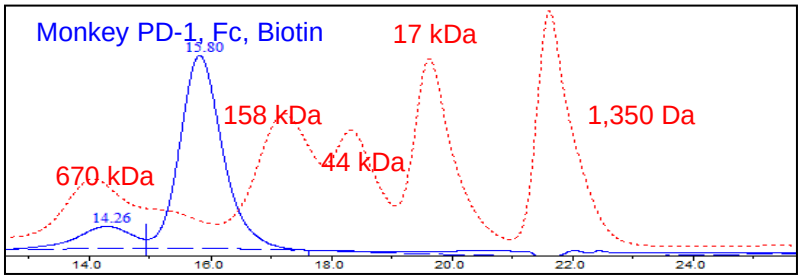
Gel Filtration Curve



<10% Aggregation

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