6044 Cornerstone Court W, Ste E
San Diego, CA 92121
Tel: 1.858.829.3082
Fax: 1.858.481.8694
Email: info@bpsbioscience.com

Data Sheet

PD-1, Fc Fusion, PE-labeled

Human, recombinant, Fc fusion protein
Catalog #: 71243-2
Lot #: 170413 **Conc.:** 1.89 mg/ml

Formulated in: 8 mM Na 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.

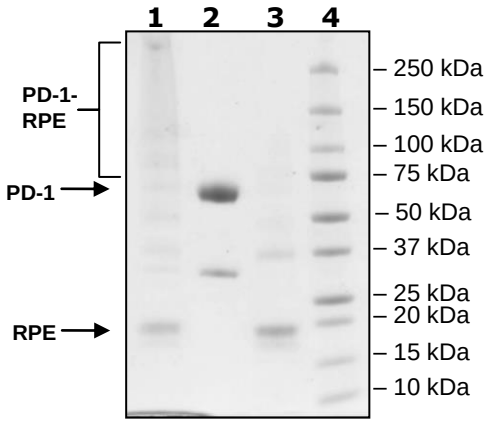
Description: Human secreted programmed cell death 1 (PD-1)-Fc fusion protein, also known as, PDCD1, SLEB2, CD279 and HPD-L, GenBank Accession No. NM_005018, a.a 25-167, fused at the C-terminus to the Fc portion of human IgG1, expressed in a HEK293 cell expression system. This protein runs at a higher M.W. by SDS-PAGE due to glycosylation. The protein was randomly labeled with RPE on accessible lysine residues.

Application: Useful for labeling PD-L1-expressing cells for flow cytometry or immunohistochemistry. For FACS analysis on human cells expressing PD-1, we recommend preclearing by using a non-specific antibody at 10 ug/ml to remove any non-specific binding, followed by PE labeled PD-1 fusion protein at 20 ug/ml.

Quality Assurance

4-20% SDS-PAGE
Coomassie staining

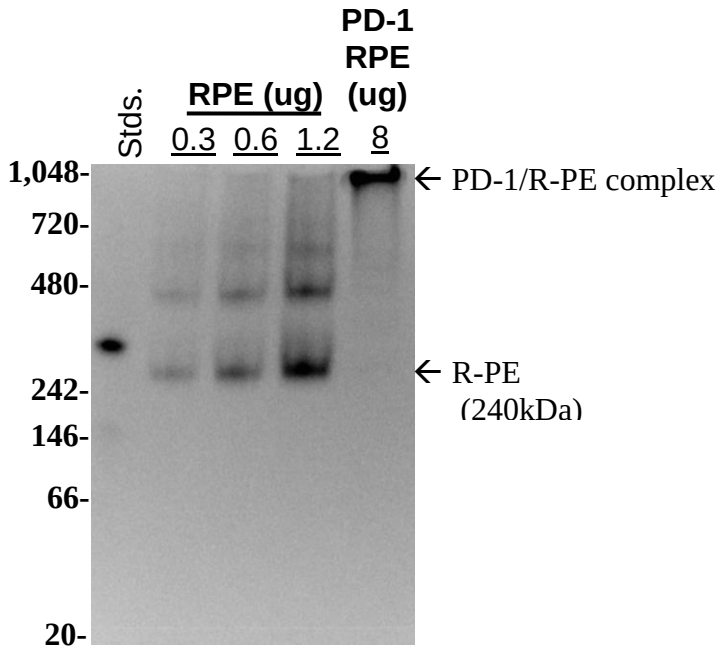
Lane 1:
8 µg **h**PD-1-**h**Fc- RPE
Lane 2:
4 µg **h**PD-1-**h**Fc
Lane3:
4 µg R-PE
Lane 4:
Protein Marker



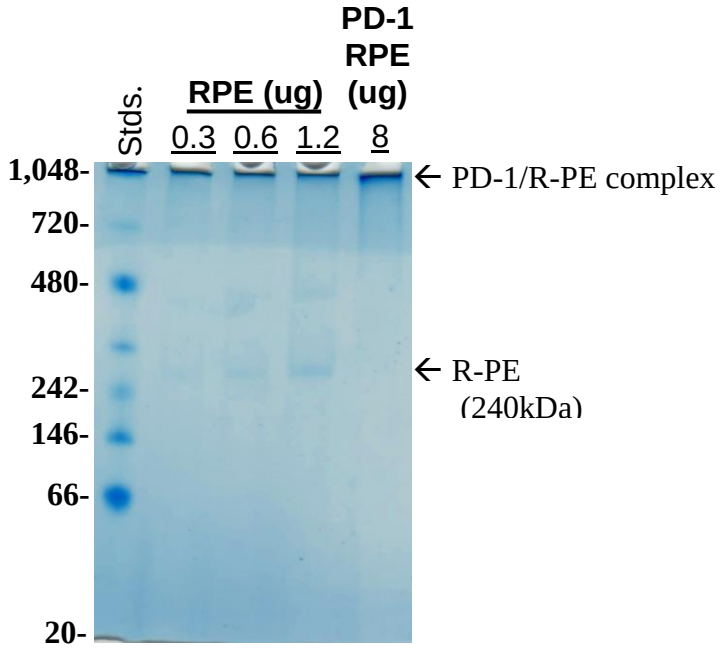
OUR PRODUCTS ARE FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

6044 Cornerstone Court W, Ste E
San Diego, CA 92121
Tel: 1.858.829.3082
Fax: 1.858.481.8694
Email: info@bpsbioscience.com

Native PAGE Fluorescence



Coomassie Stained



OUR PRODUCTS ARE FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.