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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Data Sheet

PD-L1 (CD274), Fc fusion, Biotin-labeled

Human, recombinant, Fc fusion protein with C-terminal Avi-tag™

Catalog #: 71105

Lot #: 150623-G1 **Conc.:** 0.79 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. Freeman, G.J., *et al.*, *J Exp Med.* 2000 Oct 2;**192(7)**:1027-34.
2. Dong, H., *et al.*, *Nat Med.* 1999 Dec;**5(12)**:1365-9.

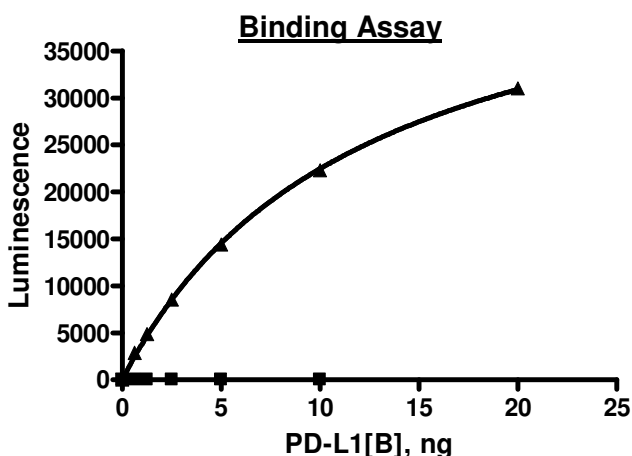
Description: Human secreted Programmed Cell Death 1 Ligand 1 (PD-L1)-Fc fusion protein, also known as CD274 and B7 homolog 1 (B7-H1), GenBank Accession No. NM_014143, amino acids 19-239, fused at the C-terminus with the Fc portion of human IgG1, with C-terminal Avi-tag™ expressed in a HEK293 cell expression system and enzymatically biotin-labeled using Avi-tag™ technology. MW = 54 kDa.

Assay Conditions: PD-1-PD-L1 binding activity, measured using using the PD-1:PD-L1[Biotinylated] Inhibitor Screening Assay Kit, BPS Bioscience, Catalog #72003.

Application:

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

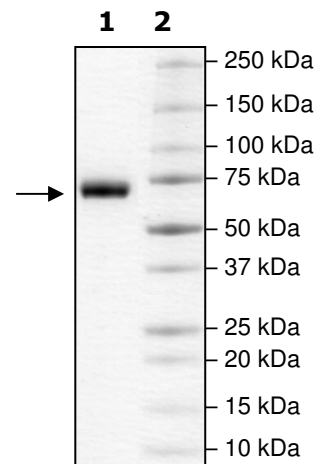
Quality Assurance



**4-20% SDS-PAGE
Coomassie staining**

Lane 1:
2 µg PD-L1
Lane 2:
Protein Marker

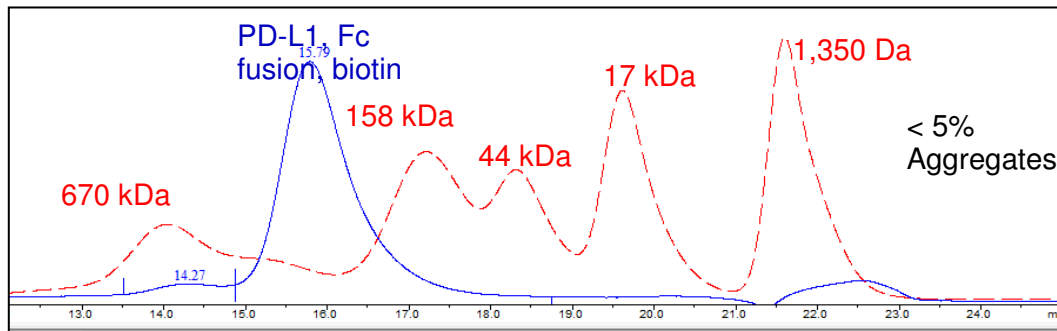
MW: 54 kDa+glycans
Purity: ≥90%



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Gel Filtration Curve



Sequence:

FTVTVPKDLVVEYGSNMTIECKFPVEKQLDLAALIVYWEMEDKNIIQFVHGEECLKVQ
 HSSYRQRARLLKDQLSLGNAALQITDVKLQDAGVYRCMISYGGADYKRITVKVNAPY
 NKINQRILVVDPTSEHELTCQAEGYPKAEVIWTSSDHQVLSGKTTTTNSKREEKLFN
 VTSTLRINTTTNEIFYCTFRRLDPEENHTAELVIPELPLAHPNERT**DI****EG****RMD****PK****SCDK**
 THTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEVKFNWYVD
 GVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKA
 KGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPP
 VLDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGK**GGGLND**
IFE**AQ****K****I****E****W****H****E**

Black: PD-L1 (a.a. 19-239)

Green: Linker

Red: Fc of human IgG1 (a.a.100-330)

Blue: Avi-tag™

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