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Produktinformation



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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

PD-L1 (F19A), Fc fusion, Biotin-labeled

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

Catalog #: 71311

Lot #: 150804-G **Conc.:** 0.28 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) with a F19A mutation, 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.

Application:

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

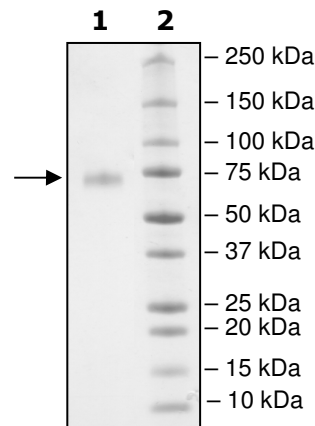
Quality Assurance

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

Lane 1:
 2 µg PD-L1(F19A)

Lane 2:
 Protein Marker

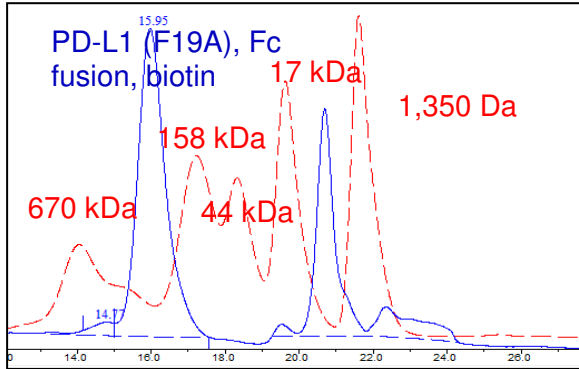
MW: 53.8 kDa+glycans
Purity: ≥90%



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Gel Filtration Curve



< 10%
 Aggregates

Sequence:

ATVTVPKDLYVVEYGSNMTIECKFPVEKQLDLAALIVQWEMEDKNI IQFVHGEEEDLKVQHSSYRQ
 RARLLKDQLSLGNAALQITDVKLQDAGVYRCMISYGGADYKRITVKVNAPYNKINQRILVVDPVT
 SEHELTCQAEGYPKAEVIWTSSDHQVLSGKTTTTNSKREEKLFNVTSTLRINTTTNEIFYCTFRR
 LDPEENHTAELVIPELPLAHPPNERT**DI****EGRMD****PKSCDKTHTCPPCPAPELLGGPSVFLFPPKPK**
DTL**MISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDW**
LNGKEYKCKVSNKALPAPIEKTI**SKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIA**
VEWESNGQPENNYKTPPVLDSDGSFFLYSKLTVDKSRWQOGNVFSCSVMHREALHNHYTQKLSL
SPGKGGGLNDIFEAQKIEWHE

Black: PD-L1 (a.a. 19-239)
Green: Linker
Red: Fc of human IgG1 (a.a.100-330)
Blue: Avi-tag™
Purple: F19A mutation

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