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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

CTLA4 (CD152), Fc-tag

Human, Recombinant, Fc fusion protein

Catalog #: 71149-2

Lot #: 180404-G **Conc.:** 0.44 mg/ml

Formulated in: 8 mM phosphate, pH 8.0,
 110 mM NaCl, 2.2mM KCl, and 20%
 glycerol.

Stability: At least 6 months at -80°C . Avoid
 freeze/thaw cycles. Protein may be diluted to
 $\geq 100 \mu\text{g/ml}$ in PBS + glycerol and stored at
 -80°C .

Endotoxin Level: $<0.1 \text{ EU}/\mu\text{g}$

References:

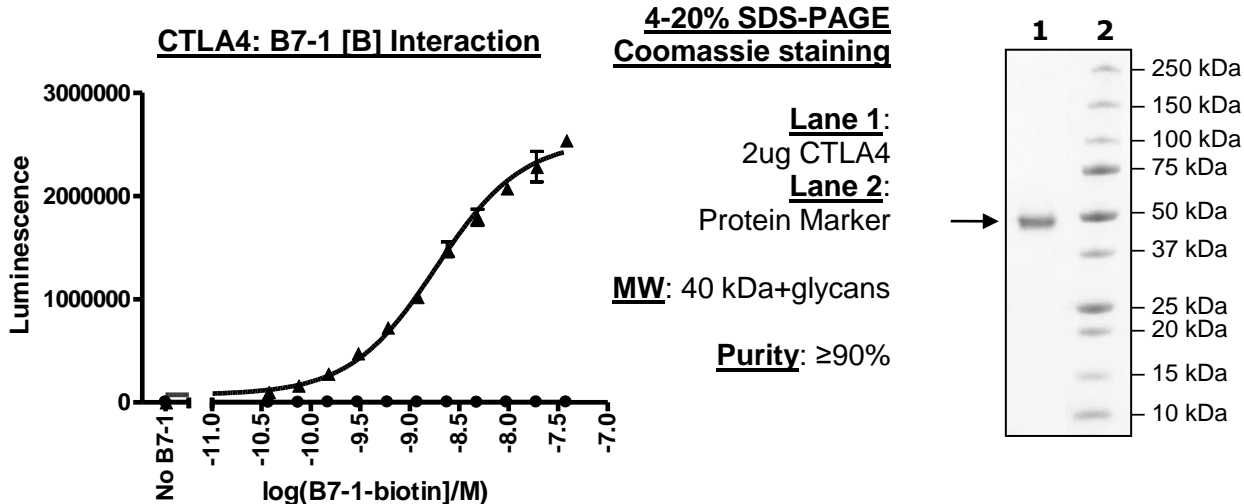
1. Dilek, N., *et al.*, *PLOS ONE*. 2013
 Dec. 23: DOI: 10.1317.
2. Leach, D.R., *et al.*, *Science*. 1996;
 271(5256):1734-1736.

Description: Human secreted CTLA4 , Fc
 fusion protein, also known as Cytotoxic T-
 lymphocyte-associated protein 4 and
 CD152. GenBank Accession No.
 NM_005214, a.a. 36-162 expressed in a
 HEK293 cell expression system. MW = 40.3
 kDa (monomer). This protein runs at a
 higher MW by SDS-PAGE due to
 glycosylation.

Assay Conditions: Reaction done
 according to CTLA4:B7-1[biotin] assay kit
 (Catalog # 72009) protocol. Buffer is PBS +
 0.1% BSA. Blocking buffer is Superblock +
 0.05% Tween-20. Coat protein was added
 ON at 4 deg 100 ng/well. Various
 concentrations of biotinylated ligand (0-5
 ng/ul, 1.25 ng/ul is the recommended kit
 condition) added for 2h at RT. Strep-HRP
 added for 1h at RT.

Application: Useful for studying protein
 binding and screening small molecules.

Quality Assurance



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Sequence

**KAMHVAQPAVVLASSRGIASFVCEYASPGKATEVRVTVLRQADSQVTEVCAATYMM
GNELTFLDDSICTGTSSGNQVNLTIQGLRAMDTGLYICKVELMYPPPYLIGINGTQIY
VIDPEPCPDSDFIEGRMDPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPE
EVTCTVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWL
NGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFY
PSDIAVEWESNGQPENNYKTTTPVLDSGSEFFLYSKLTVDKSRWQQGNVVFSCSVMHE
ALHNHYTQKSLSLSPGK**

Black: CTLA4 (a.a. 36-162)

Green: linker

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

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