6044 Cornerstone Court W, Ste E
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Data Sheet

BTLA(CD272), Fc Fusion

Human, recombinant, Fc fusion protein
Catalog #: 71141
Lot #: 151201 **Conc.:** 1.03 mg/ml

Formulated in: 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, and 20% glycerol

Endotoxin Level: <0.1 EU/ug

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. Flynn R, *et al.,* PLoS One. 2013 Oct 29;**8(10)**:77991.
2. Uchiyama M, *et al., Transplantaion.* 2014 Feb 15;**97(3)**:301-9.

Description:
Human B- and T-lymphocyte attenuator (BTLA)-Fc fusion protein, also known as CD272, GenBank Accession No. NM_181780, a.a. 31-150, expressed in a HEK293 cell expression system. MW = 40.3 kDa (monomer). This protein runs at a higher apparent M.W. by SDS-PAGE due to glycosylation.

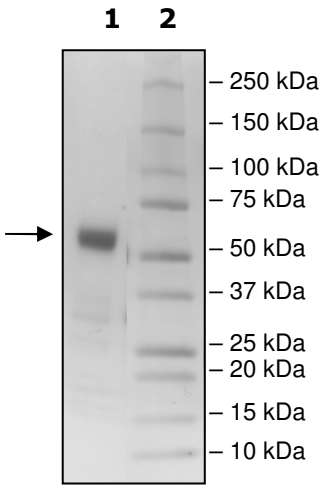
Application:
Useful for the study of protein-protein interaction and in vitro and in vivo protein function studies.

Quality Assurance

4-20% SDS-PAGE
Coomassie staining

Lane 1: 3µgBTLA
Lane 2: Protein Marker

MW:40.3 kDa
Purity: ≥90%



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Sequence:

KESCDVQLYIKRQSEHSILAGDPFELECPVKYCANRPHVTWCKLNGTTCVKLEDRQTS
WKEEKNISFFILHFEPVLPNDNGSYRCSANFQSNLIESHSTTLYVTDVKSASERPSKDE
MASIEGRMDPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDV
SHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKV
SNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWES
NGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKS
LSLSPGK

Black: BTLA (a.a. 31-150)
Green: linker
Red: Fc of human IgG1 (a.a. 100-330)

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