

# Product Data Sheet

## Recombinant Human BTLA Protein

| Catalog #                 | Source   | Reactivity | Applications        |
|---------------------------|--|------------|---------------------|
| CRP1134                   | Human cells  | Human      | E, WB, SDS-PAGE, MS |
| <b>Description</b>        | Recombinant Human BTLA Protein is produced by our Mammalian expression system and the target gene encoding Lys31-Leu150 is expressed with a 6His tag at the C-terminus.  |            |                     |
| <b>Form</b>               | Lyophilized from a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.  |            |                     |
| <b>Gene Symbol</b>        | BTLA   |            |                     |
| <b>Alternative Names</b>  | B- and T-lymphocyte attenuator; B- and T-lymphocyte-associated protein; CD272  |            |                     |
| <b>Entrez Gene</b>        | 151888 (Human)   |            |                     |
| <b>SwissProt</b>          | Q7Z6A9 (Human)   |            |                     |
| <b>Purity</b>             | Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.  |            |                     |
| <b>Chemical Structure</b> | KESCDVQLYI KRQSEHSILA GDPFELECPV KYCANRPHVT WCKLNGTTCV KLEDRTSWK<br>EEKNISFFIL HFEPVLPNDN GSYRCSANFQ SNLIESHSTT LYVTGKQNEL SDTAGREINL<br>VDHHHHHH  |            |                     |
| <b>Quality Control</b>    | Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.   |            |                     |
| <b>Directions for Use</b> | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |            |                     |
| <b>Storage/Stability</b>  | Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.<br><br>Aliquots of reconstituted samples are stable at -20°C for 3 months.                                   |            |                     |

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

### COHESION BIOSCIENCES LIMITED

**WEB**  
www.cohesionbio.com

**ORDER**  
order@cohesionbio.com

**SUPPORT**  
techsupport@cohesionbio.com

**CUSTOM**  
custom@cohesionbio.com