

**Human CellExp™ BTLA, Human recombinant**  
**BTLA, CD272**  
**Catalog # PBV11472r****Specification**

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**Human CellExp™ BTLA, Human recombinant - Product info**Primary Accession  
Calculated MW[NP\\_001078826.1](#)

This protein is fused with a human IgG1 Fc tag at C-terminus and has a calculated MW of 38.7 kDa. The protein migrates as 45-50 kDa in SDS-PAGE due to glycosylation. KDa

**Human CellExp™ BTLA, Human recombinant - Additional Info****Other Names**

BTLA, CD272

Gene Source  
Source  
Assay&Purity  
Assay2&Purity2  
Recombinant  
**Target/Specificity**  
CD272Human  
HEK 293 cells  
SDS-PAGE;≥92%  
N/A;≥92%  
Yes**Application Notes**

Reconstitute in sterile PBS, pH 7.4 to a concentration of 50 µg/ml

**Format**

Lyophilized

**Storage**

-20°C;Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Normally Mannitol or Trehalose is added as protectants before lyophilization.

**Human CellExp™ BTLA, Human recombinant - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Human CellExp™ BTLA, Human recombinant - Images**

**Human CellExp™ BTLA, Human recombinant - Background**

B- and T-lymphocyte attenuator (BTLA) is also known as B- and T-lymphocyte-associated protein, CD antigen CD272. BTLA contains one Ig-like V-type (immunoglobulin-like) domain. As a lymphocyte inhibitory receptor, BTLA / CD272 inhibits lymphocytes during immune response. BTLA / CD272 can interact with tyrosine phosphatases PTPN6/SHP-1 and PTPN11/SHP-2, and interact with TNFRSF14/HVEM.