

## Product datasheet

# Recombinant human CD272/BTLA protein (Active) ab214139

### Description

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<b>Product name</b>	Recombinant human CD272/BTLA protein (Active)
<b>Biological activity</b>	Measured in a competitive binding assay.
<b>Purity</b>	>= 98 % SDS-PAGE.
<b>Endotoxin level</b>	< 0.600 Eu/μg
<b>Expression system</b>	CHO cells
<b>Accession</b>	<b><u>Q7Z6A9</u></b>
<b>Protein length</b>	Protein fragment
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	KESCDVQLYIKRQSEHSILAGDPFELECPVKYCANRPHVT WCKLNGTTCV KLEDQRQTSWKEEKNISFFILHFEPVLPNDNGSYRCSANFQ SNLIESHSTT LYVTDVKSASERPSKDEMASRPWLLYR
<b>Predicted molecular weight</b>	33 kDa
<b>Amino acids</b>	31 to 157
<b>Additional sequence information</b>	The extracellular domain is fused to the N terminus of the Fc region of Human IgG1. NP_861445.3

### Specifications

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Our **Abpromise guarantee** covers the use of **ab214139** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	Functional Studies SDS-PAGE
<b>Form</b>	Lyophilized
<b>Additional notes</b>	This product was previously labelled as CD272

## Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.  Constituent: 99% PBS  Lyophilized from 0.2µm-filtered solution.  This product is an active protein and may elicit a biological response in vivo, handle with caution.
<b>Reconstitution</b>	Reconstitute with 100 µl sterile water. Add 1X PBS to the desired protein concentration.

## General Info

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<b>Function</b>	Lymphocyte inhibitory receptor which inhibits lymphocytes during immune response.
<b>Sequence similarities</b>	Contains 1 Ig-like V-type (immunoglobulin-like) domain.
<b>Post-translational modifications</b>	Phosphorylated on Tyr residues by TNFRSF14 and by antigen receptors cross-linking, both inducing association with PTPN6 and PTPN11. N-glycosylated.
<b>Cellular localization</b>	Membrane.

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
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