

# Recombinant Human CD2 protein ab134855

### Description

<b>Product name</b>	Recombinant Human CD2 protein
<b>Purity</b>	> 90 % SDS-PAGE. ab134855 was constructed with a 31 N terminal T7/His tag and expressed in E.coli as inclusion bodies. The final product was refolded and chromatographically purified.
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<b><u>P06729</u></b>
<b>Protein length</b>	Protein fragment
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	MASMTGGQQMGRGHHHHHHGNLYFQGGEFELKEITNALE TWGALGQDINL DIPSFQMSDDIDDIKWEKTSKKKIAQFRKEKETFKEDTY KLFKNGTLK IKHLKTDDQDYMVSNDTKGKNVLEKIFDLKIQERVSKPKIS WTCINTT LTCEVMNGTDPELNLYQDGKHLKLSQRVITHKWTTSLSAK FKCTAGNKVS KESSVEPVSCPEKGLD
<b>Predicted molecular weight</b>	25 kDa including tags
<b>Amino acids</b>	25 to 209
<b>Tags</b>	His tag N-Terminus , T7 tag N-Terminus

### Specifications

Our **Abpromise guarantee** covers the use of **ab134855** in the following tested applications.

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

**Applications** SDS-PAGE

**Form** Liquid

### Preparation and Storage

**Stability and Storage** Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

pH: 8.00  
Constituent: 0.32% Tris HCl

Buffer contains a proprietary formulation of NaCl, KCl, EDTA, Arginine, DTT and Glycerol.

## General Info

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<b>Function</b>	CD2 interacts with lymphocyte function-associated antigen (LFA-3) and CD48/BCM1 to mediate adhesion between T-cells and other cell types. CD2 is implicated in the triggering of T-cells, the cytoplasmic domain is implicated in the signaling function.
<b>Sequence similarities</b>	Contains 1 Ig-like C2-type (immunoglobulin-like) domain. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
<b>Cellular localization</b>	Membrane.

**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
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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