

## Product datasheet

# Recombinant Human CD229 protein ab191944

### Description

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<b>Product name</b>	Recombinant Human CD229 protein
<b>Purity</b>	> 95 % SDS-PAGE. Purity greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
<b>Endotoxin level</b>	< 1.000 Eu/μg
<b>Expression system</b>	HEK 293 cells
<b>Accession</b>	<b><u>Q9HBG7</u></b>
<b>Protein length</b>	Protein fragment
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	KDSAPTVVSGILGGSVTLPLNISVDTEIENVWIGPKNALAF A RPKENVTIMVKSYLGRDLIT KWSYSLCISN LTLNDAGSYK AQINQRNFEVTTTEEEFTLFVYEQLQEPQVTMKSVKVSSENF SCNITLMCSV KGAEKSVLYSWTPREPHASESNGGSILTVSRTPCDPDLF YICTAQNPVSQ RSSLPVHVGGQFCTDPGASRGGTTGETVVGVLGEPVTLPL ALPACRDTEKV VWLFNTSIISKEREEAATADPLIKSRDPYKNRVWVSSQDC SLKISQLKIE DAGPYHAYVCSEASSVTSMTHTVLLIYRRLRKPKITWLSLRH SEDGICRIS LTCSVEDGGN TVMYTWTPLQKEAVVSQGES HLNVSWRSSE NHPNLTCTAS NPVSRSSHQFLSENICSGPERNTK
<b>Predicted molecular weight</b>	39 kDa including tags
<b>Amino acids</b>	48 to 454
<b>Tags</b>	His tag C-Terminus

### Specifications

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Our **Abpromise guarantee** covers the use of **ab191944** 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>	HPLC SDS-PAGE
<b>Form</b>	Lyophilized

### Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. The lyophilized protein is stable for a few weeks at room temperature. Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle. pH: 7.40 Constituent: 100% PBS
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Lyophilized from a 0.2 µM filtered solution.

<b>Reconstitution</b>	Dissolve the lyophilized protein in 1X PBS at a concentration no less than 100ug/ml.
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### General Info

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<b>Function</b>	May participate in adhesion reactions between T lymphocytes and accessory cells by homophilic interaction.
<b>Sequence similarities</b>	Contains 2 Ig-like C2-type (immunoglobulin-like) domains. Contains 2 Ig-like V-type (immunoglobulin-like) domains.
<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
- 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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If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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