

Product datasheet

Recombinant Human CD16 protein (denatured)  
 ab130057

1 Image

Description

<b>Product name</b>	Recombinant Human CD16 protein (denatured)
<b>Purity</b>	> 90 % SDS-PAGE.
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<a href="#">P08637</a>
<b>Protein length</b>	Protein fragment
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	<p><b>MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD</b>  <b>KDRWGSHMRT</b> EDLPKAVVFL EPQWYRVLEK          DSVTLKCQGA YSPEDNSTQW FHNESLISSQ          ASSYFIDAAT VDDSGEYRCQ TNLSTLSDPV          QLEVHIGWLL LQAPRWVFKE EDPIHLRCHS          WKNTALHKVT YLQNGKGRKY FHHNSDFYIP          KATLKDSGSY FCRGLFGSKN VSSETVNITI TQGLAVSTIS          SFFPPGYQ</p>
<b>Predicted molecular weight</b>	26 kDa including tags
<b>Amino acids</b>	18 to 208
<b>Tags</b>	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab130057** 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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 6% Urea, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine)

## General Info

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### Function

Receptor for the Fc region of IgG. Binds complexed or aggregated IgG and also monomeric IgG. Mediates antibody-dependent cellular cytotoxicity (ADCC) and other antibody-dependent responses, such as phagocytosis.

### Tissue specificity

Expressed on natural killer cells, macrophages, subpopulation of T-cells, immature thymocytes and placental trophoblasts.

### Sequence similarities

Contains 2 Ig-like C2-type (immunoglobulin-like) domains.

### Post-translational modifications

Glycosylated. Contains high mannose- and complex-type oligosaccharides. The soluble form is produced by a proteolytic cleavage.

### Cellular localization

Cell membrane. Secreted. Exists also as a soluble receptor.

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## Images

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15% SDS-PAGE showing ab130057 (3µg).

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

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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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