

Product datasheet

Recombinant Mouse CD16 protein (His tag) ab215650

Description

Product name	Recombinant Mouse CD16 protein (His tag)	
Purity	> 95 % SDS-PAGE.	
Endotoxin level	< 1.000 Eu/μg	
Expression system	Mammalian	
Accession	<u>Q5D5I8</u>	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Mouse	
Sequence	LPKAVVKLDPPWQVLKEDMVTLMCEGTHNPGNSSTQWF HNGRSVRSQVQ ASYTFKATVNDSGEYRCQMEQTRLSDPVDLGVISDWLL QTPQRVFLEGE TITLRCHSWRNKLLNRISFFHNEKSVRYHHYKSNFSIPKAN HSHSGDYCYC KGSLGSTQHQSKPVTITVQDPATTSSISLVWYHTHHHHHH	
Predicted molecular weight	22 kDa including tags	
Amino acids	32 to 215	
Tags	His tag C-Terminus	

Specifications

Our **Abpromise guarantee** covers the use of **ab215650** 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	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 7.40
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Constituent: 100% PBS

Lyophilized from a 0.2 µm filtered solution

Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

General Info

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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