

# Recombinant Human CD16a/FCGR3A (F176) Protein, C-His (Active)

## Summary

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<b>Catalog No.</b>	AHC35001
<b>Alternative Names</b>	CD16a, CD16A, FCGR3A, Fc-gamma RIII-alpha, FcRIIIa, IgG Fc receptor III-2, Low affinity immunoglobulin gamma Fc region receptor III-A, IGFR3, CD16a antigen, Fc-gamma RIII, FCGR3, Fc-gamma RIIIa, FCG3, FcRIII, FcR-10
<b>Form</b>	Lyophilized
<b>Storage buffer</b>	Lyophilized from a solution in PBS pH 7.4, 5% Trehalose, 5% Mannitol.
<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Applications</b>	Bioactivity, ELISA, Immunogen, SDS-PAGE, WB
<b>Biological activity</b>	Immobilized recombinant human CD16a/FCGR3A (Cat #: AHC35001) recombinant protein at 2 µg/mL can bind human IgG1, the ED50 is 150-450 ng/mL.
<b>Endotoxin level</b>	<0.1 EU/µg of the protein by the LAL method.
<b>Expression system</b>	Mammalian Cells
<b>Accession</b>	P08637
<b>Protein length</b>	Gly17-Gln208 (Phe176Val)
<b>Nature</b>	Recombinant
<b>Stability and Storage</b>	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.

## Recombinant Proteins & Antibodies

### Reconstitution

Reconstitute in sterile water for a stock solution. A copy of datasheet will be provided with the products, please refer to it for details.

### Species

Homo sapiens (Human)

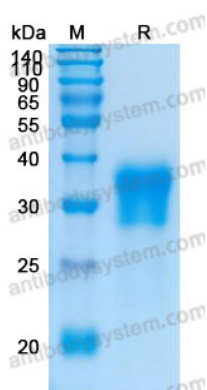
### Shipping

In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

### Note

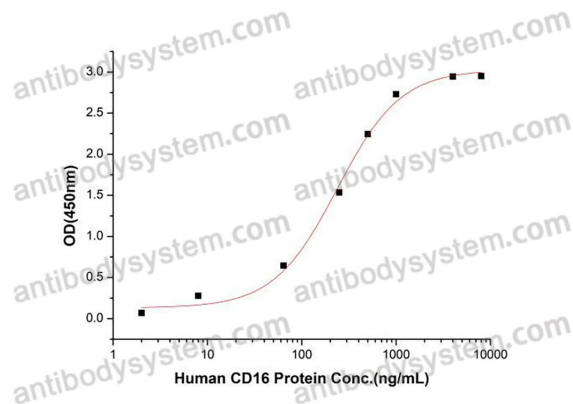
For research use only.

## Data Image



SDS-PAGE

SDS-PAGE for Recombinant Human CD16 protein



Bioactivity

Immobilized recombinant human CD16a/FCGR3A (Cat #: AHC35001) recombinant protein at 2 µg/mL can bind human IgG1, the ED50 is 150-450 ng/mL.